

Mahatma Gandhi Arts, Science & Late N. P. Commerce College, Armori

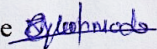
Title of Activity :- Field Visit for Grass Collection

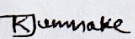
Place :- Navegaon -Nagzira Tiger Reserve Gondia

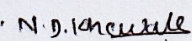
Date :- 21-09-2021


Dr. Vasanta I. Kahalkar visited to meadow of Navegaon -Nagzira Tiger Reserve along with four students for the collection and documentation of various types of grass. The visit is the part of MoU with Navegaon -Nagzira Tiger Reserve, Gondia. The purpose of which was to develop research attitude and awareness towards the nature among the students. Students understands that the grass plays important role in nature, notably as a source of food and it also provides shelter and nesting material for insects, birds and other animals.

Name of Students

Ku. Martina R. Ghonmode 

Ku. Kalyani R. Jumnake 

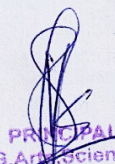
Ku. Nikita D. Khewale 

Ku. Anjali N. Bhanarkar 



Field Visit by Students and faculty




PRINCIPAL
M.G.Arts, Science &
Late N.P.Commerce College
Armori, Dist. Gadchiroli



Latitude: 21.013628
Longitude: 80.15438
Elevation: 346.56±3 m
Accuracy: 411.6 m
Time: 09-20-2021 16:13
Note: grass collection Navegaon bandh national park

Collection of grass



Latitude: 21.015485
Longitude: 80.153628
Elevation: 342.77±4 m
Accuracy: 35.3 m
Time: 09-20-2021 16:30
Note: grass collection Navegaon bandh national park

Pressing of grass




PRINCIPAL
M.G.Arts, Science &
Late N.P.Commerce College
ARMORI, Distt.Gadchiroli



Collection and pressing of grass

Kahalkar
 Dr. V. I. Kahalkar
 Assist. Professor
 Dept of Botany

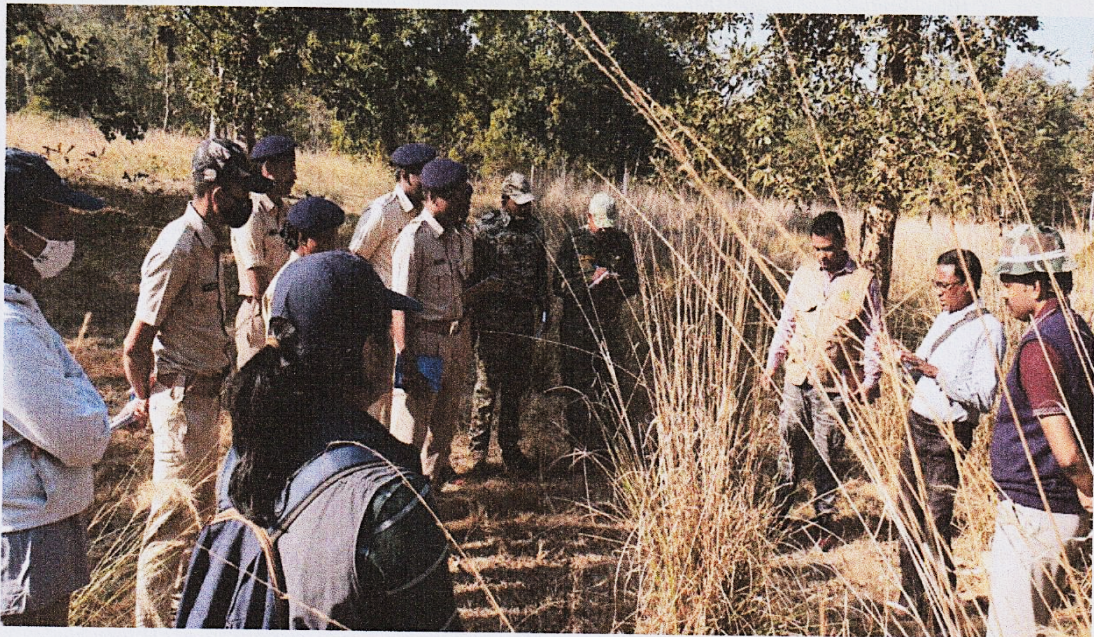


[Signature]
 PRINCIPAL
 M.G. Arts, Science &
 Commerce College
 ARMORI, Distt. Gadchiroli

Activity Under MoU between Nawegaon- Nagzira Tiger Reserve, Gondia and Mahatma Gandhi Arts, Science and Late N. P. Commerce College, Armori

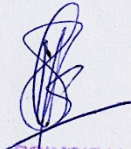
Name of Activity : Meadow Development during 2020 - 2021

Under the MoU signed with Nawegaon- Nagzira Tiger Reserve, Gondia, Dr. Vasanta I. Kahalkar, Assistant Professor Department of Botany, visits Nawegaon- Nagzira Tiger Reserve, Gondia from time to time. He guides the field staff of forest department about palatable and non-palatable grass species in the field and collection of grass seed. Also, he identified weed species in meadow area and suggested forest department to eradicate the weed from meadow before flowering and fruit setting viz. *Hyptis suaveolens* (bhutganja), *Parthenium hysterophorus* (congress grass), *Xanthium strumarium* (gokharu), *Martynia annua* (Waghnaakhi), *Hygrophila schulli* (Kate-koranti), *Hibiscus panduraeformis* (Ran ambadi), *Cassia tora* (Tarota), etc.



Field visit and guidance to forest field staff by Dr. V. I Kahalkar along with Chief Conservator of Forest and Divisional Forest Officer, Wild Life, NNTR, Gondia



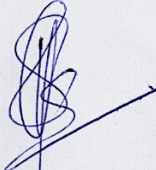

PRINCIPAL
M.G. Arts, Science &
Late N.P. Commerce College
ARMORI, Distt. Gadchiroli



Field visit and guidance to forest field staff by Dr. V. I Kahalkar along with Chief Conservator of Forest, Wild Life, NNTR, Gondia and Range Forest Officer, Navegaon

Kahalkar
Dr. V.I. Kahalkar
Assist. Professor
Dept. of Botany




PRINCIPAL
M.G. Arts, Science &
Late N.P. Commerce College
ARMORI, Distt. Gadchiroli

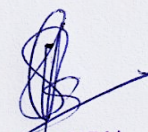
Activity Under MoU between Pench Tiger Conservation foundation Maharashtra Forest Department, Government of Maharashtra and Mahatma Gandhi Arts, Science and Late N. P. Commerce college, Armori District Gadchiroli Maharashtra.

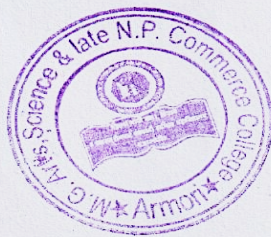
Name of Activity: Floral Baseline Data Collection during 2020 - 2021

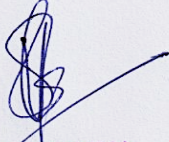
Dr. Vasanta I. Kahalkar, Assistant Professor Department of Botany, regularly visits season wise to degraded & unproductive 272 hector area of Pench for Collection of Floral Baseline data under the MoU signed with Pench Tiger Conservation foundation Maharashtra Forest Department. He follows project methodology adopted by forest department and collects data from field.

- Whole area of 250 hectors gets divided in to grid of 1 hector each by department.
- The tree plot 32 X 32 mt., shrub plot 10 X 10 mt. and grass plot 1 mt X 1 mt laid with permanent marking. The shrub and grass plot laid within tree plot.
- Total 27 plots laid in whole area of 250 hectors were count height and girth of each individual of tree species, record the number of shrub and herb species from each plot.
- After visit the list prepared of all trees, shrubs, grass and other small plants found in each of 27 plots and submit data to office Pench Tiger conservation foundation Maharashtra Forest department.




PRINCIPAL
M.G.Arts, Science &
Late N.P.Commerce College
&ARMORI, Distt.Gadchiroli




PRINCIPAL
M.G.Arts, Science &
Late N.P.Commerce College
ARMORI, Distt.Gadchiroli.

Kabalkar
Dr. V. I. Kabalkar
Assist. Professor
Dept. of Botany

Activity Under MoU between Nawegaon- Nagzira Tiger Reserve, Gondia and Mahatma Gandhi Arts, Science and Late N. P. Commerce College, Armori

Name of Activity : Meadow Development during 2019 - 2020

Dr. Vasanta I. Kahalkar, Assistant Professor Department of Botany, visits Nawegaon- Nagzira Tiger Reserve, Gondia from time to time as per MoU. In this activity, he guides the field staff of forest department about palatable and non-palatable grass species in the field and collection of grass seed. Also, he identified weed species in meadow area and suggested forest department to eradicate the weed from meadow before flowering and fruit setting viz. *Hyptis suaveolens* (bhutganja), *Parthenium hysterophorus* (congress grass), *Xanthium strumarium* (gokharu), *Hibiscus panduraeformis* (Ran ambadi), *Cassia tora* (Tarota), *Martynia annua* (Wagnakhi), *Hygrophila schulli* (Kate-koranti) etc.



Field Observation and guidance to forest field staff by Dr. Kahalkar



PRINCIPAL
M.G.A.S. Science &
Late N.P. Commerce College
ARMORI, Distt. Gadchiroli



Field Observation and guidance to forest field staff by Dr. Kahalkar along with Chief Conservator of Forest and Divisional Forest Officer, Wild Life, Gondia

Kahalkar,
Dr. V. I. Kahalkar
Assist. Professor
Dept. of Botany



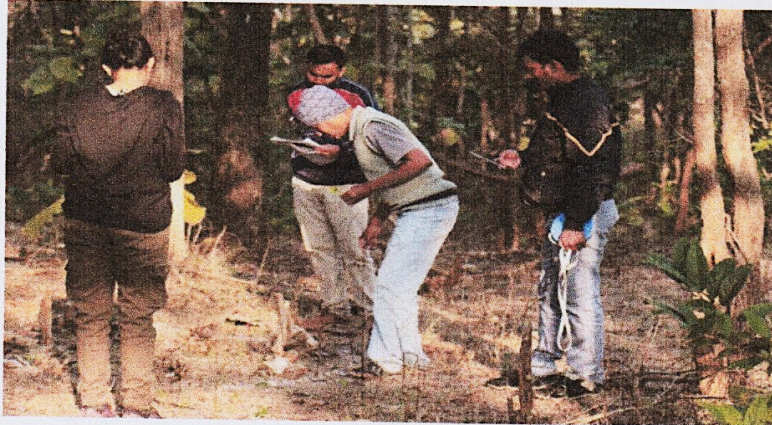
[Signature]
PRINCIPAL
M.G. Arts, Science &
Late N.P. Commerce College
ARMORI, Distt. Gadchiroli

Activity under MoU between Pench Tiger Conservation foundation Maharashtra Forest Department, Government of Maharashtra and Mahatma Gandhi Arts, Science and Late N. P. Commerce college, Armori District Gadchiroli Maharashtra.

Name of Activity: Floral Baseline Data Collection during 2019 - 2020

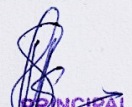
As per MoU Dr. Vasanta I. Kahalkar, Assistant Professor Department of Botany, regularly visits season wise to degraded & unproductive 272 hector area of Pench for Collection of Floral Baseline data. He follows project methodology adopted by forest department and collects data from field.

- Whole area of 250 hectors gets divided in to grid of 1 hector each by department.
- The tree plot 32 X 32 mt., shrub plot 10 X 10 mt. and grass plot 1 mt X 1 mt laid with permanent marking. The shrub and grass plot laid within tree plot.
- Total 27 plots laid in whole area of 250 hectors were count height and girth of each individual of tree species, record the number of shrub and herb species from each plot.
- After visit the list prepared of all trees, shrubs, grass and other small plants found in each of 27 plots and submit data to office Pench Tiger conservation foundation Maharashtra Forest department.



Floral Data Collection by Dr. Kahalkar




PRINCIPAL
M.G. Arts, Science &
Late N.P. Commerce College
ARMORI, Distt. Gadchiroli



Floral Data Collection by Dr. Kahalkar



PRINCIPAL
M.G. Arts, Science &
Late N.P. Commerce College
ARMORI, Distt. Gadchiroli

Kahalkar
Dr. V. I. Kahalkar
Assist. Professor
Dept. of Botany