

# MEMORANDUM OF UNDERSTANDING

MAHATMA GANDHI ARTS, SCIENCE AND LATE N.P.COMMERCE COLLEGE, ARMORI and DEPARTMENT OF AGRICULTURE OFFICE GADCHIROLI now recognizing the importance of research and development in the rural areas, as well as imparting mining training to B.Sc. & M.Sc.( Geology ) students.

Now, Therefore in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both MAHATMA GANDHI ARTS, SCIENCE AND LATE N.P.COMMERCE COLLEGE ARMORI and DEPARTMENT OF AGRICULTURE OFFICE GADCHIROLI hereby acknowledge & agree to sign a memorandum of understanding (MOU)

MAHATMA GANDHI ARTS, SCIENCE AND LATE N.P.COMMERCE COLLEGE ARMORI and DEPARTMENT OF AGRICULTURE OFFICE GADCHIROLI shall encourage interactions between Research fellows, faculty members, students of college and mining industry personal through the following arrangements:

- Practical training of Institute students at DEPARTMENT OF AGRICULTURE OFFICE GADCHIROLI mining industry
- Joint guidance of student projects/thesis in Geology and other areas of national interest at Institute by DEPARTMENT OF AGRICULTURE OFFICE GADCHIROLI on mutually agreeable terms,
- DEPARTMENT OF AGRICULTURE OFFICE GADCHIROLI personnel, as well as research scholars, may also be allowed to enroll for their project work at Institute Research center, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations prescribed by Gondwana University, Gadchiroli.
- Would allow the industrial visits of students to provide them with an exposure to various equipment, instrument, research oriented facilities etc.
- The students will carry out part of their Ph.D. research work or M.Sc. project at INSTITUTE RESEARCH CENTER and DEPARTMENT OF AGRICULTURE OFFICE GADCHIROLI depending on the nature of the work as per rules of the institute depending on facilities and requirements.
- Financial arrangements for each specific collaboration will be decided on a case to case basis and brought on record in each case after due approval from heads of both the Institution and Industry.

The duration of the MOU shall be for a period of 3 years from the effective date. The MOU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MOU will not in any manner affect the interests of the students/faculty/scientists who have been admitted to pursue a programme under the MOU.

In Witness Whereof Parties Here To Have Entered Into This Agreement Effective As On The Date And Year First Written Above.



**Dr. C.P. Dorlikar**  
Head - P.G Deptt. of Geology  
M.G. Arts, Science & Late N.P. Commerce  
College Armori Dist-Gadchiroli



  
30-11-2015  
**Taluka Agriculture Officer**  
Armori Dist. Gadchiroli

**M. G. ARTS, SCIENCE & LATE N. P. COMMERCE COLLEGE, ARMORI**

**DEPARTMENT OF GEOLOGY**

**REPORT OF ACTIVITY UNDER MOU WITH TALUKA AGRICULTURE OFFICE ARMORI**

**Title of Activity:** Improvement in Quality and Moisture of Soil for crop fertility by using SRT method of Kasvi area.

**Objectives**

1. To study the soil utilization pattern for cropping.
2. To study the implications of SRT methods.
3. To deduce any suggestions for soil quality improvement.
4. To provide the field experience to students.

**Number of participants - 41**

**Date of the Activity - 04/01/2018**

**Brief Description**

The Study area Kasavi is in the Armori Taluka of Dist. Gadchiroli and is basically a paddy dominated agricultural field. Around 80 % land is engaged in the rice cultivation. To attain the desired objectives, a project headed under peoples' biodiversity register in collaboration with the Taluka Agriculture Office Armori has been executed to study the soil quality and to deduce the improvement suggestions. The study area was visited by the B.Sc. II year students during the session 2017-18 and the respective data was collected.

**Outcomes** – On observing the various parameters following conclusions and recommendations were made.


- Sandy soil is observed around paddy field.
- Porosity and permeability of available soil type is fare enough for paddy cropping.
- Due to consistent uniform crop pattern, soil is compacted with less aeration.
- Soil water quantity diminished because of surface compaction and quick runoff.

**Recommendation**

- Plantation along Gadhavi river channel and along unstable area like ravenous and gullied land will hold the soil and can prevent soil erosion.
- Plantation will also help in humus development which improves quality of soil.
- Crop rotation is suggested to farmers for better fertility of soil.
- Use of SRT method for paddy cultivation instead of traditional method.
- SRT has made suitable changes in the conventional rice cultivation to ease farmers' laborious work and to prevent fertility loss during peddling.





  
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ARMORI, Distt.Gadchiroli

## Field Visit Photographs



News

### भूगर्भशास्त्र के विद्यार्थियों ने किया अभ्यास दौरा

संवाददाता | अरमोरी

स्थानीय महात्मा गांधी कला विज्ञान व स्व. न.प. खाण्डव महाविद्यालय अरमोरी के भूगर्भशास्त्र विभाग व कृषि कार्यालय अरमोरी के संयुक्त तत्वावधान में महाविद्यालय के प्राचार्य तथा दत्तक ग्राम विकास कार्य समिति के अध्यक्ष डा. लालसिंह खालसा के मार्गदर्शन में दत्तक ग्राम कासवी में भूगर्भशास्त्रीय अभ्यास दौरा किया गया। खेती के उत्पादन में वृद्धि कैसे होगी इस उद्देश से यह अभ्यास दौरा किया गया। एसआरटी इस खेती विषयक नयी तकनीक की जानकारी कराकर इस तकनीक के माध्यम से उत्पादन में वृद्धि करने पर ग्रामीनों को प्रात्यक्षिक कर दिखाया गया।

इस अभ्यास दौरे में 48 छात्र व भूगर्भशास्त्र विभाग के प्रमुख प्रा. डा. चंद्रकांत डोलीकर, प्रा. प्रियदर्शन गणवीर, पर्यावरण समिति प्रमुख प्रा. सतेंद्र सोनटके, प्रा. स्वाति हुलके, जितेंद्र बोदले शामिल थे। इस अवसर पर छात्रों ने खेती से संबंधित एसआरटी पद्धति संबंधी विभिन्न प्रश्नावली तैयार कर किसानों से इस पर चर्चा की। इस अवसर पर छात्रों ने मिट्टी की सीज व उसका कस रोकने के लिए खेती विषयक नयी तकनीक एसआरटी पद्धति की जानकारी दी। रासायनिक खाद का उपयोग न कर जैविक खाद उपयोग कर उत्पादन बढ़ाने पर जोर दिया गया। सफलतापूर्वक कृषि मित्र दीपक दुपारे, उपसर्पंच प्रवीण रहाटे, प्रियंका राजत, श्वेता खडसे, विशाखा आकरे, प्रणाली चिलगो, प्रिती हुलके, मनस्वी कालबांधे, अक्षय कुंभारे, गुरु शिवरकर, अमोल हेटकर, निलेश निंबाते ने परिश्रम किया।



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M.G. Arts, Science &  
late N.P. Commerce College  
ARMOREE, Distt. Gadchiroli

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List of Students

Department of Geology

Mahatma Gandhi Arts Commerce & Science College  
Armori, Dist. Gadchiroli

SESSION : 2017-2018

SSC - BSC - II

P.B.R.:- List of Students

(42)

NO.	NAME OF STUDENT		GEO
✓	MR AKSHAY GHANSHYAM MONGARKAR	A	GEO <u>Mongarkar</u> <u>Mongarkar</u>
✓	MR AKSHAY HARIDAS KUMBHARE	A	GEO <u>Kumbhare</u> <u>Kumbhare</u>
	MR AKSHAY SURESH TUPAT ✓	A	GEO <u>Tupat</u> <u>Tupat</u>
✓	MR ALKESH DNYANESHWAR MOHDURE	B	GEO <u>Alkesh</u> <u>Alkesh</u>
✓	MR AMOL BAPU HETKAR	A	GEO <u>Hetkar</u> <u>Hetkar</u>
✓	MR ANKILESH NARENDRA SAMARTHI	A	GEO <u>Samarthi</u> <u>NS</u>
✓	MR ASHWINI YADAV DUMANE	A	GEO <u>Dumane</u> <u>Dumane</u>
✓	MR GURUNANAK KAWDUJI SHIVARKAR	A	GEO <u>Shivarkar</u> <u>Shivarkar</u>
✓	MR HEMANT GANGHADHAR BHOYAR	A	GEO <u>Bhoys</u> <u>Bhoys</u>
0	✓ MR KU KIRAN YADAO PILARE	A	GEO <u>Pilare</u> <u>Pilare</u>
1	✓ MR KULDIP KAVALU THAKARE	B	GEO <u>Thakare</u> <u>Thakare</u>
2	MR KU KUMUD PANDURANG SORTE	A	GEO <u>Sorte</u> <u>Sorte</u>
2	MR KU MADHURI RAMCHANDRA DHOTE	A	GEO <u>Dhote</u> <u>Dhote</u>
4	✓ MR KU MANSWI MADANKUMAR KALBANDHE	A	GEO <u>Kalbandhe</u> <u>Kalbandhe</u>
5	MR MAYUR BRAMHANAND SORTE	A	GEO <u>Sorte</u> <u>Sorte</u>
6	MR MICHEL SUNIL MAHAJAN	B	GEO <u>MahaJan</u> <u>MahaJan</u>
7	✓ MR KU NABHA BHAIYA KADHAO	A	GEO <u>KadhaO</u> <u>KadhaO</u>
✓	MR KU NAMODITA KRUPANAND SONTAKKE	A	GEO <u>Sontakke</u> <u>Sontakke</u>
✓	MR NILESH SURESH NIMBARTE	A	GEO <u>Nimbarte</u> <u>Nimbarte</u>
✓	MR PARAG CHANANANAND SHEKHAR GONDHIALE	B	GEO <u>Gondhiale</u> <u>Gondhiale</u>

Gondhiale



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Late N.P.Commerce College  
ARMORI, Dist.Gadchiroli

Mahatma Gandhi Arts Commerce & Science College  
Armori, Dist. Gadchiroli

SESSION : 2017-20

B.C - II

NO.	NAME OF STUDENT		GEO
1	KU PRAGATI BHASHKAR MESHARAM	A	GEO <u>Mesharam</u> <u>Mesharam</u>
	KU PRAJKTA DINESH GUNJARWAR	A	GEO
2	KU PRANALI UMAKANT CHILANGE	A	GEO <u>Chilange</u> <u>Chilange</u>
3	MR PRAVIN NAKTU ASTEKAR	A	GEO <u>Purb</u> <u>Purb</u>
4	KU PRITI GHANSHYAM HULKE	A	GEO <u>Hulke</u> <u>Hulke</u>
5	KU PRIYANKA CHANGDEO RAUT	A	GEO <u>Raut</u> <u>Raut</u>
6	KU PRIYANKA KHEMRAJ PARDHI	A	GEO <u>Pardhi</u> <u>Pardhi</u>
7	KU RINA PARASRAM CHAPLE		GEO
8	KU ROHINI ANIL JUARE	A	GEO <u>Raut</u> <u>Raut</u>
9	MR ROHIT ANIL BAWANE	A	GEO <u>Bawane</u> <u>Bawane</u>
10	KU RUCHITA CHANDUJI DHORE	A	GEO <u>Dhore</u> <u>Dhore</u>
11	MR SACHIN MANOHAR MORANDE	A	GEO <u>Morande</u> <u>Morande</u>
12	KU SHITAL KHEMRAJ PARDHI	A	GEO <u>Pardhi</u> <u>Pardhi</u>
13	KU SHIVALI DHARMAPAL BARSAGADE	A	GEO <u>Barsagade</u> <u>Barsagade</u>
14	KU SHIVANI BHUPAL HEMKE	A	GEO <u>Hemke</u> <u>Hemke</u>
15	KU SWETA ANIL KHADKE		GEO
16	KU <del>TRIPATHI</del> JAYPRAKASH KAR		GEO
17	KU <del>VANDANA</del> SALLIKHOKO		GEO
18	KU VISHAKHA RAKESH AKARE	A	GEO <u>Vishakha</u> <u>Vishakha</u>

Total of BSC - II : 39

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36

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ARMORI, Dist. Gadchiroli

.SC.II (B)

IO	NAME OF STUDENT		GEO
	MR ANKUBH DEVENDRA CHAHANDE Geo		GEO
✓	KU KAJAL VINOD MESHAM Geo	A	GEO <u>Kh</u> <u>Kh</u>
	KU KOMAL PRADIP UBKUDE Geo		GEO
✓	MR MAYUR KASHINATH USENDI Geo	A	GEO <u>Muraj</u> <u>Muraj</u>
	KU PRATIKSHA BALIRAM KUMIRE Geo		GEO
○	KU PRIYA NAKTU PRADHAN Geo	A	GEO <u>Priya</u> <u>Priya</u>
	Shweta Anil Khadke Geo	A	GEO <u>Shweta</u> <u>Shweta</u>
✓	KU SAHILI SURAJ WARKE Geo	A	GEO <u>Sahili</u> <u>Sahili</u>
✓	MR SHUBHAM JAYDRATH BURADE Geo	A	GEO <u>Shubham</u> <u>Shubham</u>
✓	MR SHUBHAM LAXMAN SORTI Geo	B	GEO <u>Shubham</u> <u>Shubham</u>
✓	KU SWATI HARENDRA MESHAM Geo	A	GEO <u>Swati</u> <u>Swati</u>

Total of B.SC.II (B) : 10

-4  
 6  
 Geology confirmed

Prakash

Prakash  
 [Dr. G.P. Doshiker]  
 HOD Geology

  
 PRINCIPAL  
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 Late N.P.Commerce College  
 ARMORI, Dist. Gadchiroli