

**ACTIVITIES UNDER MOU
WITH
Department of Chemical Science
Tezpur University, Assam**

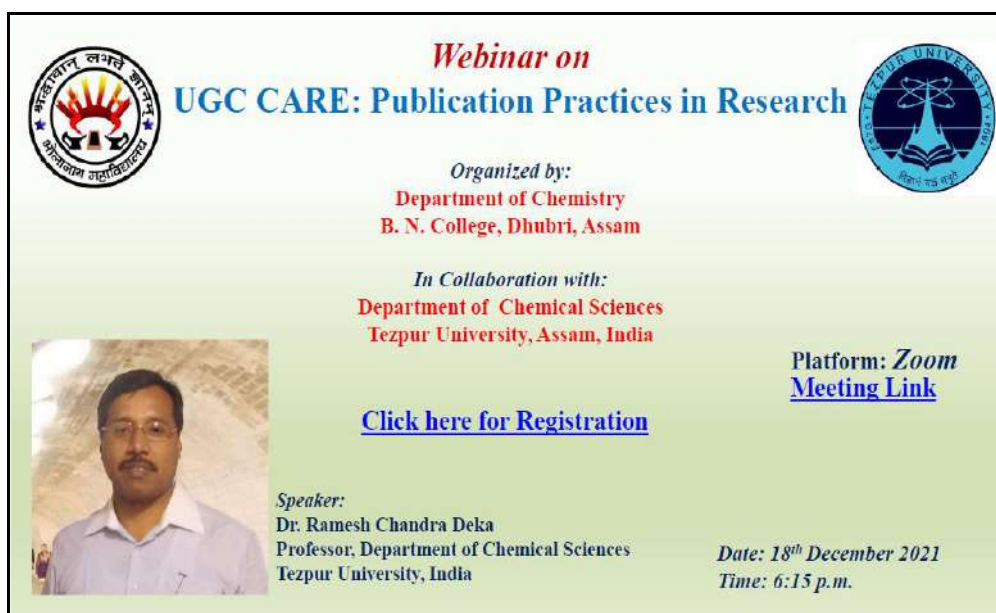
Date of Signing MoU: 03/11/2021

Duration: 3 years

REPORT

Name of The Programme	Webinar on “UGC CARE: Publication Practices in Research”
Date	18/12/2021
Organized By	Department of Chemistry, B. N. College, Dhubri in Collaboration with Department of Chemical Sciences, Tezpur University, Assam
Name of the Resource Person	Dr. Ramesh Chandra Deka Professor Department of Chemical Sciences Tezpur University, India

Flyer of the Programme



The flyer is a rectangular graphic with a light green background. On the left is the logo of B.N. College, Dhubri, Assam, featuring a book and a lamp. On the right is the logo of Tezpur University, Assam, featuring a book and a lamp. The main title is 'Webinar on UGC CARE: Publication Practices in Research' in blue and red text. Below the title, it says 'Organized by: Department of Chemistry, B. N. College, Dhubri, Assam' and 'In Collaboration with: Department of Chemical Sciences, Tezpur University, Assam, India'. A small portrait of Dr. Ramesh Chandra Deka is on the left. Below the portrait, it says 'Speaker: Dr. Ramesh Chandra Deka, Professor, Department of Chemical Sciences, Tezpur University, India'. On the right, it says 'Platform: Zoom Meeting Link' and 'Click here for Registration'. At the bottom right, it says 'Date: 18th December 2021' and 'Time: 6:15 p.m.'.

Number of Participants Total =132

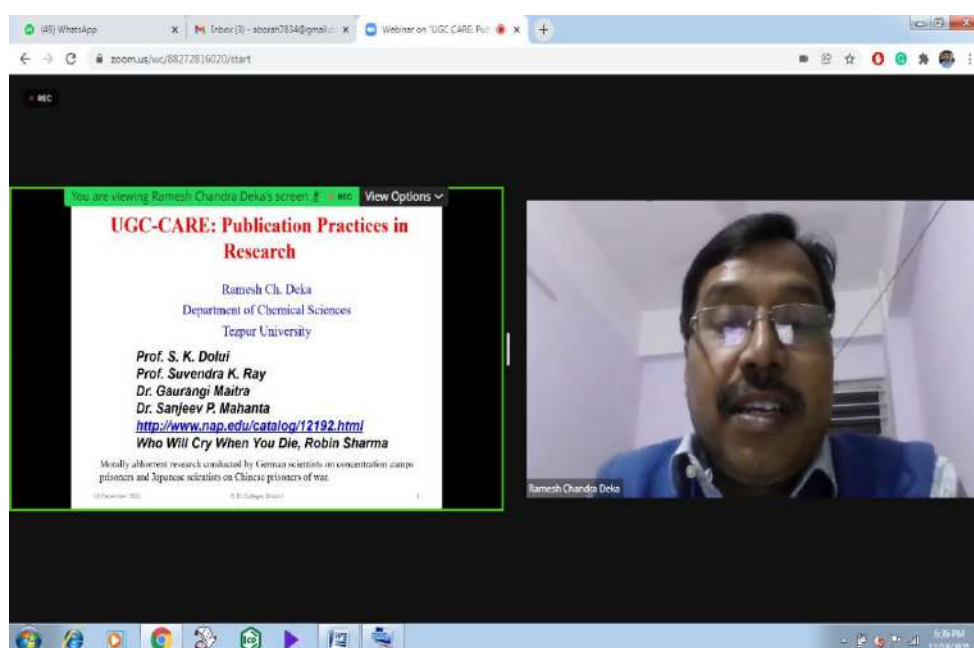
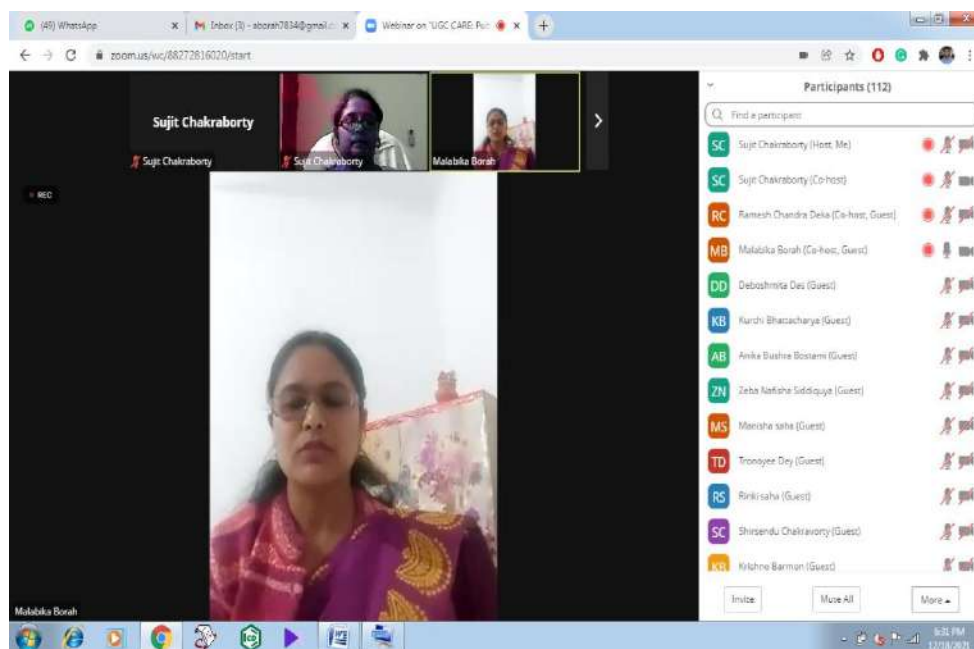
About the Programme

The Department of Chemistry, B.N. College Dhubri has organized the webinar on ‘UGC CARE: Publication Practices in Research’, dated 18th December 2021 (via Zoom platform) from 6:30 to 8:00 PM.

The main objective of the programme was to guide the students as well as the teachers to acquire knowledge on the publication process in the UGC care listed journals as well as the other reputed journals. The programme has been started with the inaugural speech by Dr. Dhruva Chakraborty, Principal, B. N. College. Dr. Chakraborty has highlighted the importance of ‘Publication Practices in Research’ in higher educational institutions. Dr. Ramesh Chandra Deka, the Resource person emphasized on the importance of Publication Practices in Research and the UGC care listed

journals. He also enlightened the participants by describing the publication process and need of intellectual and innovative thinking in the field of research. The participants have raised significant questions during the interaction programme which were addressed by the resource person. The programme was ended by vote of thanks offered by Dr. Susmita Sen Gupta, Associate professor in chemistry and IQAC Coordinator, B. N. College. At the end of the programme feedback has been collected from the participants and e-certificates have been issued.

Some snap shot of the Programme



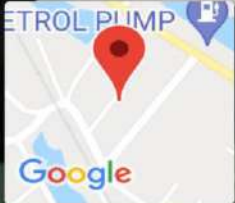
UGC-CARE: Publication Practices in Research

Ramesh Ch. Deka
Department of Chemical Sciences
Tezpur University

Prof. S. K. Dolui
Prof. Suvendra K. Ray
Dr. Gaurangi Maitra
Dr. Sanjeev P. Mahanta
<http://www.nap.edu/catalog/12192.html>
Who Will Cry When You Die, Robin Sharma

Prof. Ramesh Chandra Deka

GPS Map Camera



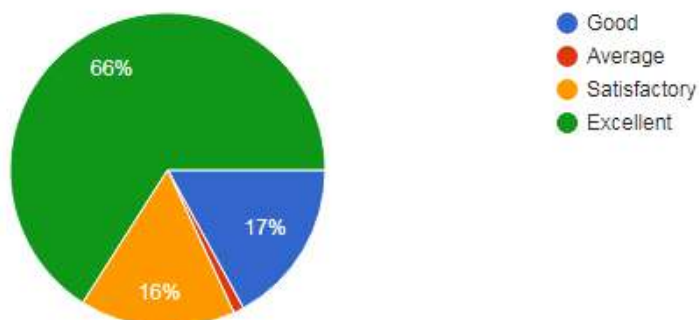
Dhubri, Assam, India

Senpara, word no.16, Bidyapara, Dhubri, Assam 783324, India
 Lat 26.02544°
 Long 89.977617°
 18/12/21 06:36 PM

Feed back on the Programme

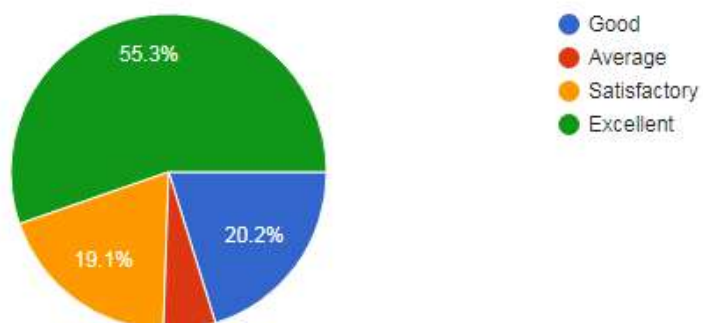
The topic discussed in the program

94 responses



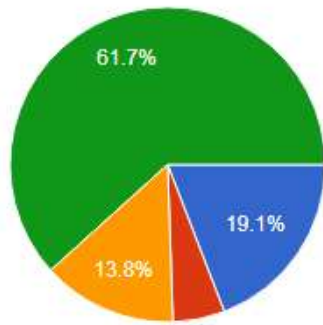
How far the program has added up knowledge on "Publication Practices"

94 responses



How would you rate the resource person

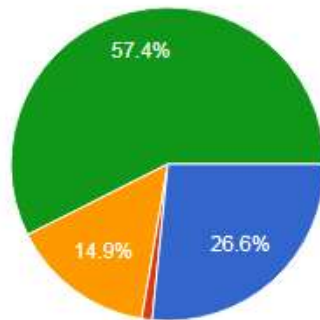
94 responses



- Good
- Average
- Satisfactory
- Excellent

Overall rating of the webinar

94 responses



- Good
- Average
- Satisfactory
- Excellent

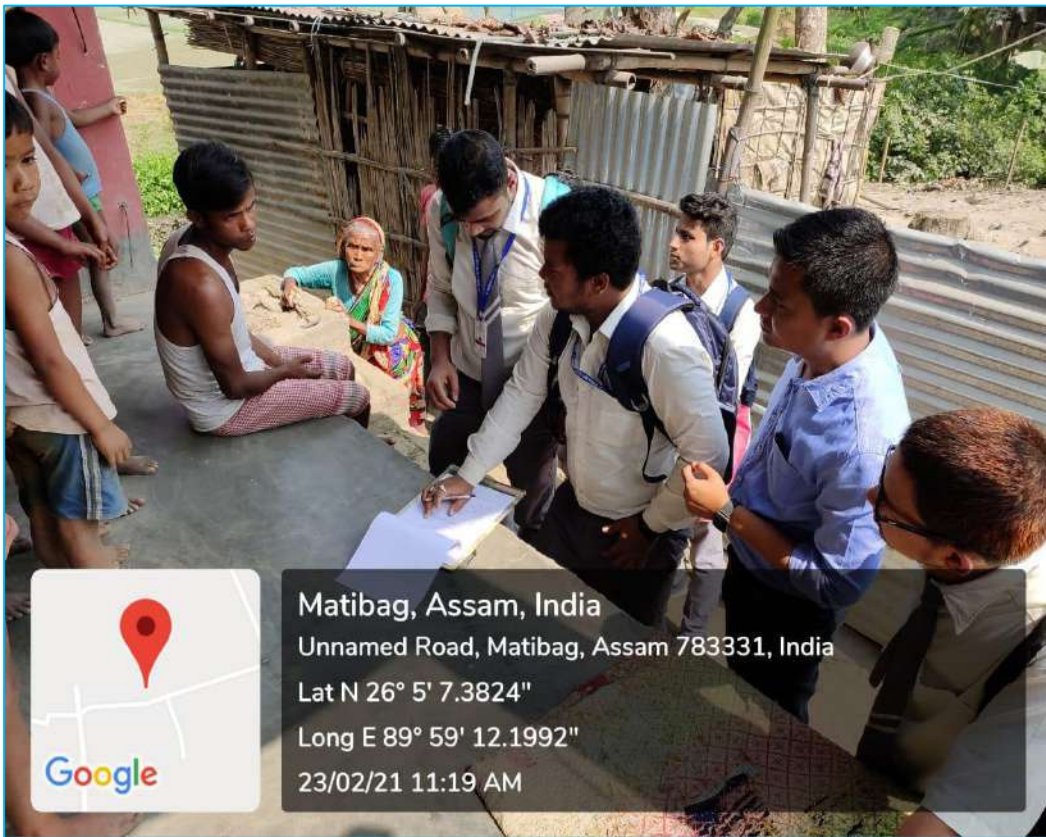
**Testing of water samples of 5 adopted villages by the college
with the help of Department of Chemical Sciences, Tezpur University**

A Report

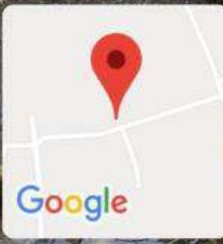
In September, 2020 the Department of Chemistry, B. N. College, Dhubri, Assam is collaborated with Department of Chemistry, Tezpur University under a UNICEF Project Initiative on Water Quality Testing & Mitigation of Arsenic and Fluoride. In this connection, the Department of Chemistry, B. N. College, Dhubri sent 30 water samples collected from six nearby villages including Matiabag, Birshing, Debottarhasdah, Asharikandi, Madaikhali and for arsenic analysis to Tezpur University on 10th Dec., 2020 and in some of those samples, arsenic is detected from normal to an alarming range as per the report received on 26th Dec., 2020 (Annexure I). Therefore, it is decided to carry out a health survey as well as to repeat the analysis for those villages for confirmation. On that note, the Department carried out preliminary health survey (Annexure II) as well as sample collection from Matiabag, Debottarhasdah and Birshing on 23rd Feb., 1st & 3rd March, 2021 respectively and sent for arsenic analysis in Tezpur University. In the health survey, no significant health issues found for Matiabag whereas in Debottarhasdah, about 70% are found to be suffering from certain health issues such as hairfall and darkening of skin related with arsenic poisoning. In Birshing also, such health issues have been noticed over a range below 50%. In this second phase of analysis, from the reports received in the month of September 2021(Annexure III), it is found that the arsenic levels in Debottarhasdah and Birshing are quite alarming and immediate actions would be taken through awareness programmes and introduction of Arsiron-Nilogon Filter in the mentioned villages.

Few Photographs

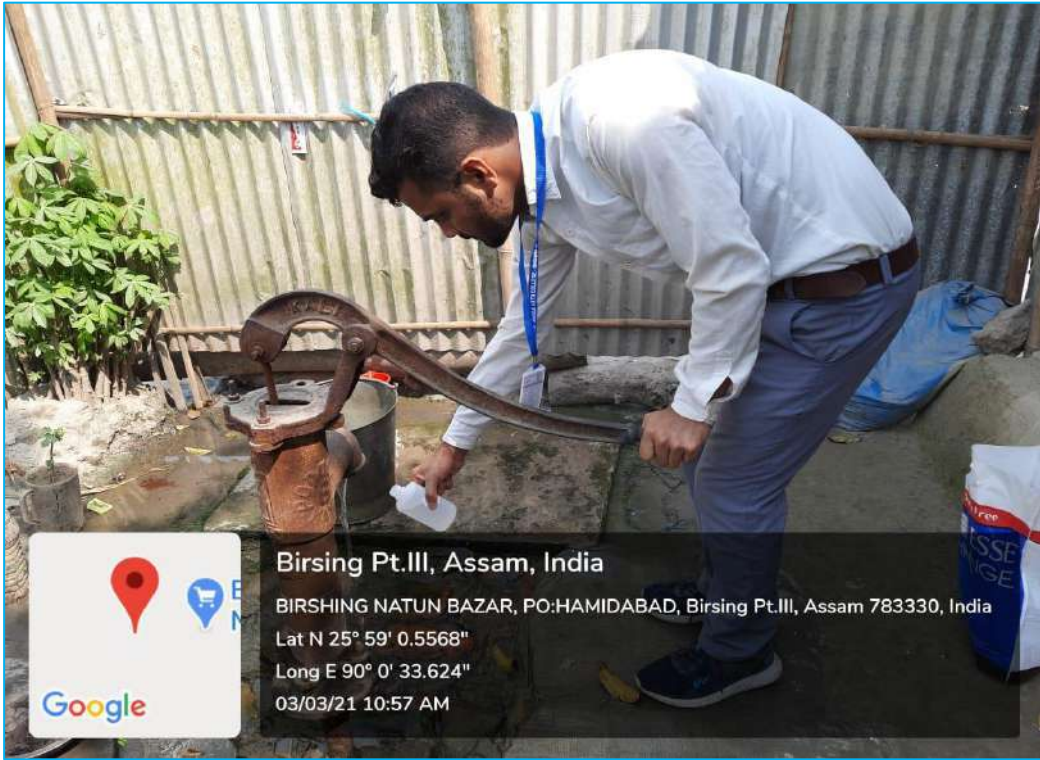




Matibag, Assam, India
Unnamed Road, Matibag, Assam 783331, India
Lat N 26° 5' 7.3824"
Long E 89° 59' 12.1992"
23/02/21 11:19 AM



Matibag, Assam, India
Unnamed Road, Matibag, Assam 783331, India
Lat N 26° 5' 7.3896"
Long E 89° 59' 13.3296"
23/02/21 12:02 PM



Birsing Pt.III, Assam, India

BIRSHING NATUN BAZAR, PO:HAMIDABAD, Birsing Pt.III, Assam 783330, India

Lat N 25° 59' 0.5568"

Long E 90° 0' 33.624"

03/03/21 10:57 AM



Kheksialy, Assam, India

Unnamed Road, Kheksialy, Assam 783334, India

Lat N 26° 4' 46.5528"

Long E 89° 52' 5.6676"

01/03/21 01:28 PM

Arsenic test results

Date: 25/12/2020
 Water Samples from: B.N. College, Dhubri, Assam.
 Sample received on: 10/12/2020
 Test performed at: Department of Chemical Sciences, Tezpur University
 Tested method: AAS (HVG) method
 Test date: 25/12/2020

Sl. No.	Name of The Owner	Code	Address & Contact No.	Arsenic Concentration
1	Shushil Chandra Barman	1	Asharikandi, Dhubri 7086515505	ND
2	Basanti Barman	2	Asharikandi, Dhubri 60016380200	ND
3	Sahadat Ali Sarkar	3	Asharikandi, Near High School, Dhubri 7896518101	ND
4	Bojirul Bashid Mandal	4	Asharikandi, Dhubri 8638200378	2
5	Dinesh Roy	5	Asharikandi, Dhubri 9954251619	ND
6	Dipak Kr. Barman	6	Madaikhali, Asharikandi, Dhubri 6001663962	2
7	Sanjoy Kr. Barman	7	Madaikhali, Asharikandi, Dhubri 8811973868	ND
8	Niranjan Sarkar	8	Madaikhali, Asharikandi, Dhubri 9678143610	ND
9	Ratan Kr. Seal	9	Madaikhali, Asharikandi, Dhubri 9957112554	ND
10	Bhaben Dranath Barman	10	Madaikhali, Asharikandi, Dhubri 8812989192	ND
11	Sofial Hogu	11	Charjogipara, Matiabog, Gouripur, Dhubri 9954698656	ND
12	Jakir Hussian	12	Charjogipara, Matiabog, Gouripur, Dhubri 9707729117	ND
13	Abdul Munnaf	13	Charjogipara, Matiabog, Gouripur, Dhubri 7576053998	ND
14	Moliar Hussain	14	Charjogipara, Matiabog, Gouripur, Dhubri 6000865220	5
15	Alomgir Ali	15	Charjogipara, Matiabog, Gouripur, Dhubri 6001597838	4
16	Abdul Mozid Khan	16	Birshing PT-1, Dhubri 6000207976	8
17	Abdul Khaleque Khan	17	Birshing PT-1, Dhubri 8638801500	39

18	Shohid Ali	18	Birshing PT-1, Dhubri 9101723998	ND
19	Anowar Hossain Ansary	19	Birshing PT-1, Dhubri 9706547576	ND
20	Rofiquel Islam	20	Birshing PT-1, Dhubri 9954561137	ND
21	Nuruddin Haque	21	Debottarhasdah Part- V, Dhubri 9365716332	31
22	Sanjib Kr. Roy	22	Debottarhasdah Part- V, Dhubri 8822908198	1
23	Manoj Kr. Ray	23	Debottarhasdah Part- V, Dhubri 7896016343	10
24	Pulin Chandra Roy	24	Debottarhasdah Part- V, Dhubri 7896016343	2
25	Paresh Chandra Ray	25	Debottarhasdah Part- V, Dhubri 7002284676	ND
26	Monowar Ali	26	Raipara, Dhubri 7002425575	ND
27	Dulal Ch. Roy	27	Raipara, Dhubri 9678642501	ND
28	Anowar Hussain	28	Raipara, Dhubri 8486341400	ND
29	Dhanik Ch. Roy	29	Raipara, Dhubri 9854361191	ND
30	Eusof Alisk	30	Raipara, Dhubri 8011455297	ND
31	Biswajit Saha	31	Balipara, Sonitpur	ND

ND: Not Detectable

NB:

1. WHO guideline value and BIS permissible limit for Arsenic in drinking water is 10 ppb. *WHO also says, drinking water arsenic is reported to cause cancer even at 0.17 ppb.*
2. These results can be used only for information of the arsenic-affected people and for helping them in getting arsenic-free drinking water, and not for any publication, publicity or any other purpose.

Rituparna Saikia

(Rituparna Saikia)
Research Associate
Dept of Chemical Sciences
Tezpur University



(Robin K. Dutta)
Professor
Department of Chemical Sciences
Tezpur University

Annexure II

A HEALTH SURVEY

*Under a UNICEF Project Initiative on
Water Quality Testing and Mitigation of Arsenic and Flouride in Assam*

Village:

Ward No.:

Block:

District:

State:

Details of the family:

Number of members in the family:

Male:

Female:

Age group	Number of members	Any Health issue*
0-10 years		
10-20 years		
20-30 years		
30-50 years		
Above 50 years		

Any death in the last 10 years:

If yes, mention the reason of death:

Gender of the deceased:

**Darkening of skin, hair fall, Diabetes, blood pressure (Hypotension & hypertension), loss of memory*

Arsenic test results

Water Samples from: B.N. College, Dhubri, Assam
 Sample received on: 15-03-21
 Test performed at: Department of Chemical Sciences, Tezpur University
 Tested method: AAS (HVG) method
 Test date: 29-04-21.

Sl. No.	Name and Address	Contact No.	Concentration of Arsenic (ppb)
1	Mohiar Hussains, Matiabag.	6000865220	5
2	Sopior Rahman, Motiabag.	9954698656	ND
3	Kader Ali, Motiabag.	6003363925	ND
4	Rabeya Parvin, Matiabag.	8876128486	ND
5	Firdus Alom, Matiabag.	6003507437	1
6	Minhar Ali, Matiabag.	6001662289	ND
7	Moktar Ali, Matiabag.	-	ND
8	Sottar Ali, Matiabag.	6001781915	ND
9	Monzina Khatun, Matiabag.	8822569817	ND
10	Asheda Biwi, Matiabag.	9365542813	ND
11	Azidar Rahman, Birshing, Part I.	9315688946	14
12	Azahar Ali, Birshing, Part I.	8099793218	ND
13	Nur Zamal, Birshing, Part I.	7635805062	75
14	Nuruddin Hoque, Debottarhasdah, part V.	9365716332	12
15	Aleya Devi, Debottarhasdah, part V.	9864482523	15
16	Kuddos Ali, Debottarhasdah, part V.	7099169795	43
17	Inamul Hoque, Debottarhasdah, part V.	7099901478	27

ND: Not Detectable

NB:

1. WHO guideline value and BIS permissible limit for Arsenic in drinking water is 10 ppb. *WHO also says, drinking water arsenic is reported to cause cancer even at 0.17 ppb.*
2. Our lab is not NABL accredited and these results can be used only for information of the arsenic-affected people and for helping them in getting arsenic-free drinking water, and not for any publication, publicity or judicial purpose.