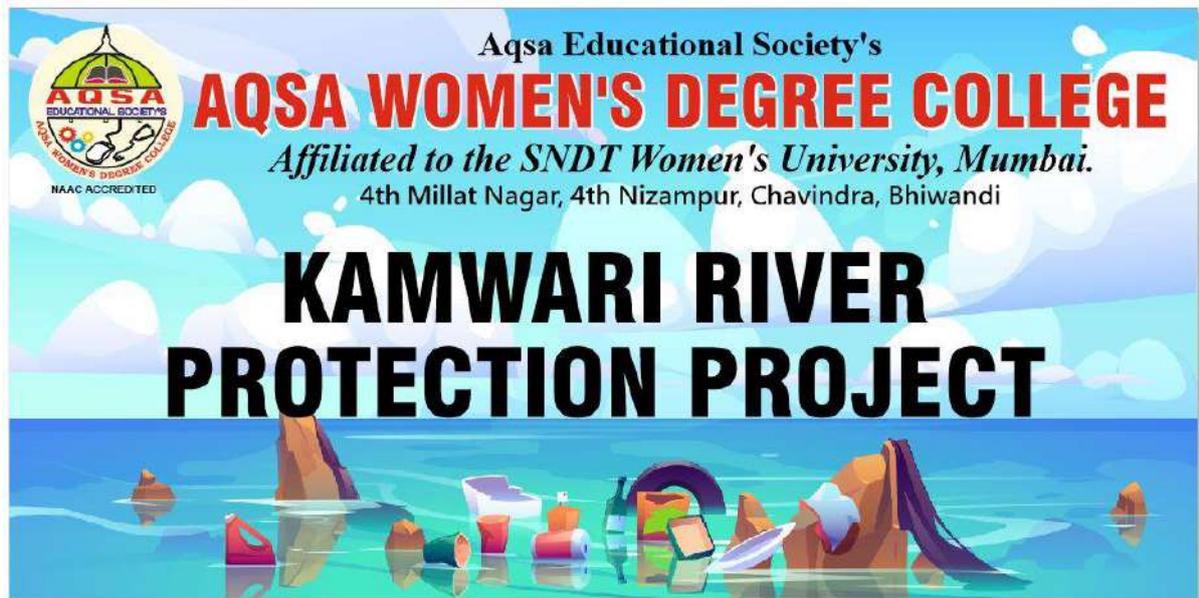


7.2.1.

Best Practice – I

Title: Conservation of kamwari River, Bhiwandi.



Objective:

- To sensitize the students regarding the importance of river and its management.
- To conduct activities to protect the kamwari river.
- To remove filth from the river.
- To plant trees around the river.

The Context:

Bhiwandi, the state's largest power loom hub, has almost 90 of the taluka's population working in the looms. However, all effluents from the looms are released into the water bodies, which are dying slowly Kamwari river is one of polluted water bodies in the city. The river existed since the 16th century and used to be a port during the British era. Once a big river used to transport cargo, it is now the size of a nullah. The growing

industrialization and urbanization on the banks of the river has led to more pollution.

The Practice:

Aqsa Women's Degree College celebrated republic day as a mark towards environment awareness. The N.S.S. Unit organised a human chain river rally on Kamwari River in collaboration with Bhiwandi Nizampur Municipal Corporation. Early morning at 9:00 am. Soon after the flag hosting ceremony volunteer of N.S.S. Unit along with the college staff gathered near the kamwari river and form a human chain. Deputy commissioner Mrs. Vandana Gudve, Asst. Commissioner Mr. Bhalerao and other municipal officer joined the rally and address local people regarding the importance of river in ecosystem and necessity to protect the river from devastation. However, effluents from the looms are released into the water bodies. Climate change is real and its catastrophic effect increasing with each day passing. Maintaining Cleanliness of the river always an issue. We have seen that, these days, lots of plastic and waste material which we throw into the river gets accumulated. It make river water toxic, unclean and unattractive. Cleanliness of the river is highly important to maintain hygiene and keep the environment disease free for human beings and animals. Definitely, nowadays we citizens are careful about garbage and we do throw it at appropriate places. But majority of garbage is thrown into the Kamwari River. Indirectly, we are responsible for these unclean and polluted river conditions.

We, the staff and students from Aqsa Women's Degree College, thought this issue and started Kamwari River Cleaning Movement project of protecting river, flowing along the Bhiwandi area behind Aqsa college. The project assigned in collaboration with B.N.C.M.C. NSS Unit Aqsa Women's Degree College has undertaken the responsibility of cleaning the river under "Kamwari River Cleaning Movement". Project initiated in the year 2018 collaboration with B.N.C.M.C Bhiwandi under the management of For Additional Commissioner Mr. Ashokumar Rankhamb. NSS Unit with the sup Department of Zoology conducted biochemical analysis of water since 2 years Volunteers from faculty of science worked on the project undergoing de

of biochemical, physical and biological parameters. Assistant Professors, faculty of science also working on the project by presenting and published research papers on detection of river. NSS Unit of Aqsa college has co this project and will further work on it for the protection of Kamwari river

Evidence of success:

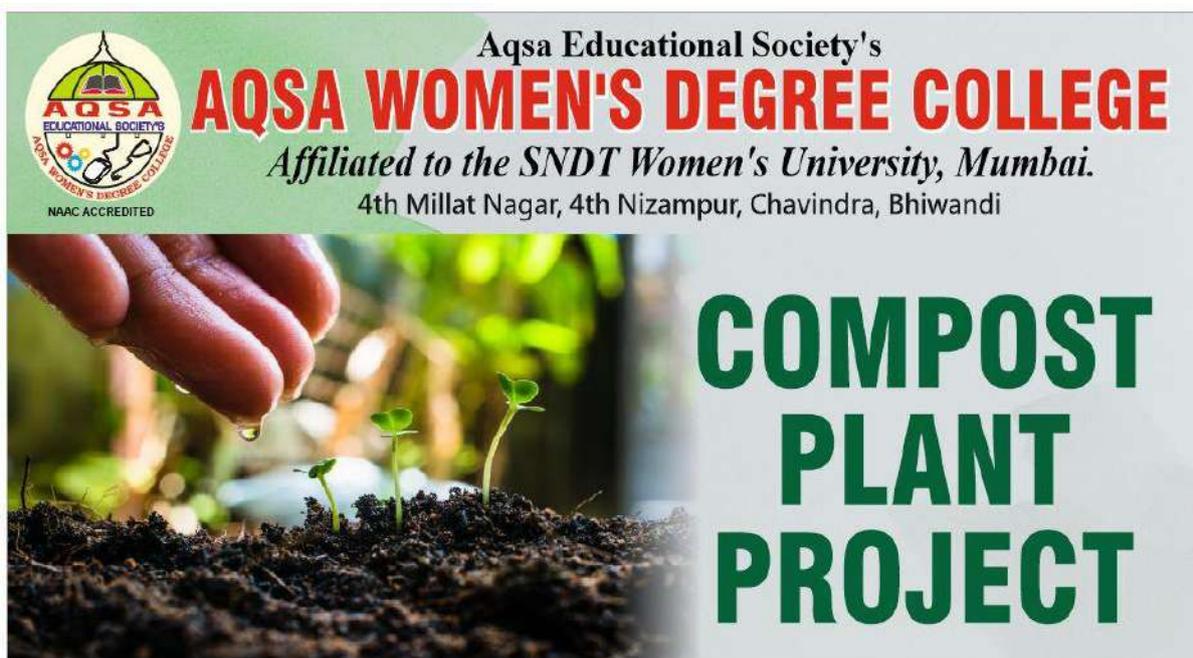
Aqsa Women's Degree College is planning to sign the MoU against the protection of kamwari river

Problem Encountered:

- Lack of awareness among the local people regarding the river pollution.
- Lack of funds.

Best Practice II:

Solid waste Management: Composting: one person's trash is another person's treasure.



Objective:

- To reduce the use of chemical fertilizer.
- A step towards eco-friendly use of fertilizer.
- To replenish soil and prevent soil erosion.
- To produce organic manure through recycling of the dried leaves for gardening in college campus.
- To fertilize and improve the soil texture.
- To promote Go-Green campus.

The Context:

Composting is the natural process of recycling organic matter, such as leaves and food scraps & flowers, into a valuable fertilizer that can enrich soil and plants. Anything that grows decomposes eventually; composting simply speeds up the process by providing an

ideal environment for bacteria, fungi, and other decomposing organisms (such as worms, sow bugs, and nematodes) to do their work. The resulting decomposed matter, which often ends up looking like fertile garden soil, is called compost. Fondly referred to by farmers as “black gold,” compost is rich in nutrients and can be used for gardening, horticulture, and agriculture.

Bhiwandi city discard tons of organic waste every year. Primarily food scrap, waste from vegetable market, fish market, household waste etc. most of the waste is thrown on open landfills and dumping ground. Almost none of that material is composted. As a time changes B.M.C.M.C are working toward the healthy decomposing of organic waste. Aqsa College along with B.N.C. M.C. installed first compost plant in backyard of Aqsa Women’s Degree College on 16th December 2018.

The Practice:

Aqsa Women’s Degree College along with B.N.C. M.C. installed first compost plant in backyard of Aqsa Women’s Degree College on 16th December 2018. All the students were involved actively in the inauguration and created awareness about the Leaf Composting process as an model of best practice in producing organic manure indigenously. Resources required: 5ft x 5 ft Leaf composter, 50 cement blocks, Coco-pit powder. Red soil, dried leaves & flowers and water. The garbage from the botanical garden, ground, and canteen kitchen waste was collected and used to prepare compost. As an initiative of Go-Green campus by National Service Scheme, installed the Leaf Composter in the college campus in February 2019.

Process Method of composting:

The fallen dried leaves form the trees in the college campus are collected and deposited in the Leaf Composter. After a gap of 3 - 4 days coco-pit powder, and dried flowers are added to the composter and watering is done everyday in the required proportion to maintain moisture in the content. In addition to this red soil is also mixed with ingredients. Once the pit is filled, it will be maintained for a period of six months for the complete decompose process. At the end of the duration we get a wonderful organic manure which is called “Black Gold” that can be seen like powder. Compost is finished when it’s a dark, rich color, crumbles easily and we can’t pick out any of the original ingredients. The

cycle of process is repeated once in every six months. Apart from its use in college garden it is also sold by the students through Entrepreneurship Development Cell.

Problems encountered

- i. Segregation of dried leaves mixed with other non-decomposable items is a challenging task.
- ii. Dead leaves compost slowly under any conditions because they're so high in carbon. If they're not mixed with other ingredients, they'll compress into a nearly oxygen-free lump.

Evidence of success:

The above manure processed within the college is used as manure for the plants that are grown in the campus which shows that the college is environment friendly. It boosts plant health, improves soil structure, and contains microbes that produce antibiotics.

Problem Stumble upon:

- Lack of awareness regarding the hazardous effect of using chemical fertilizers.
- Lack of funds to implement what is planned.



دہلی کی اسپیشل ایف ایم نے اقصی ویمنس ڈگری کالج کا کیمپوز پلان دیکھ کر حیرت اور خوشی کا اظہار کیا
 یہ کیمپوز پلان کی امداد کاغج ہے جہاں بچے سے قدرتی مواد تیار کی جاتی ہے



دہلی کی اسپیشل ایف ایم نے اقصی ویمنس ڈگری کالج کا کیمپوز پلان دیکھ کر حیرت اور خوشی کا اظہار کیا۔ یہ کیمپوز پلان کی امداد کاغج ہے جہاں بچے سے قدرتی مواد تیار کی جاتی ہے۔

دہلی کی اسپیشل ایف ایم نے اقصی ویمنس ڈگری کالج کا کیمپوز پلان دیکھ کر خوشی کا اظہار کیا
 یہ کیمپوز پلان کی امداد کاغج ہے جہاں بچے سے قدرتی مواد تیار کی جاتی ہے

بھارتی خیریتوں میں سہارا بننے والی اسپیشل ایف ایم نے اقصی ویمنس ڈگری کالج کا کیمپوز پلان دیکھ کر خوشی کا اظہار کیا۔



دہلی کی اسپیشل ایف ایم نے اقصی ویمنس ڈگری کالج کا کیمپوز پلان دیکھ کر خوشی کا اظہار کیا۔ یہ کیمپوز پلان کی امداد کاغج ہے جہاں بچے سے قدرتی مواد تیار کی جاتی ہے۔

سیا ڈی بیچر مہر مرموم
مبئی اور نیوز

R N I No MAHURD / 2010 / 35278 Mumbai Urdu News www.mumbaiurdunews.com

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پروڈکشن آف اوزون کے پرمیٹنگ کونسلیشن پرائز میں ام سلمہ کی دوسری پوزیشن

بھارتی خیریتوں میں سہارا بننے والی اسپیشل ایف ایم نے اقصی ویمنس ڈگری کالج کا کیمپوز پلان دیکھ کر خوشی کا اظہار کیا۔



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reported by shaarfi Ansari

BHIWANDI NIZAMPUR
CITY MUNICIPAL CORPORATION
BHIWANDI (DIST- THANE)
OLD S.T.STAND KAP-ALI
BHIWANDI - 421 302, DIST-THANE
TEL : 02522-255314/255315, FAX : 02522-252074, e mail - bncmc.cd@gmail.com



बिचंदी निजामपुर नगर महानगरपालिका
बिचंदी, जि.ठाणे, महाराष्ट्र,
जुना पुरा.टी.स्टॅण्ड, काप-आली
बिचंदी - ४२१ ३०२, जि.ठाणे

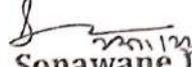
जा.क्र.विनिश्चयनना/आरोग्य/ ६९ /२०२३
दि. २३ / ०७/२०२३

To,
The Principal
Aqsa women's Degree college
Bhiwandi

**Subject: Appreciation of Aqsa Women's Degree College for
compost installation and compost generation**

Respected madam ,

We appreciate the efforts of Aqsa Women's Degree College with reference to compost plant installation in collaboration with BNCMC since 2018. Aqsa college has been generating 40-60kgs of compost every month which is excellent. The quality of compost produced is very good as it's tested oin the lab. we look forward to work in future in collaboration with Aqsa Women's Degree college under the Swachata abhiyan.


(J.M. Sonawane)
Helth Officer
Bhiwandi Nizampur
City Municipal Corporation



स्वच्छ
सर्वेक्षण
2022

Bhiwandi Nijampur City Municipal Corporation

"SWACHHA SURVEKSHAN - 2022"

BWG PROJECT - AQSA WOMENS DEGREE COLLEGE

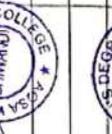
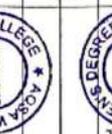
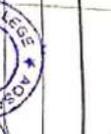
DRY WASTE / WET WASTE

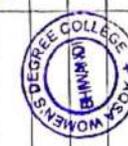
YEAR - 2022

Sl. No.	Date	Quantity of wet waste generated (k.g.)	Quantity of wet waste processed/composited (k.g.)	Quantity of Dry wastegiven to BNCMC/ Recycle (k.g.)	Sign	Remark
1	01-12-2021	105	62	43	 	आरोक्ष निरक्षिक पिवडी नि.सर. महानगरपालिका
2	02-12-2021	103	61	42	 	आरोक्ष निरक्षिक
3	03-12-2021	104	62	42	 	आरोक्ष निरक्षिक
4	04-12-2021	100	60	40	 	आरोक्ष निरक्षिक
5	05-12-2021	102	61	41	 	आरोक्ष निरक्षिक
6	06-12-2021	101	60	41	 	आरोक्ष निरक्षिक
7	07-12-2021	104	62	42	 	आरोक्ष निरक्षिक
8	08-12-2021	102	61	41	 	आरोक्ष निरक्षिक
9	09-12-2021	101	60	41	 	आरोक्ष निरक्षिक

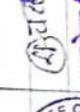
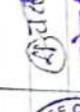
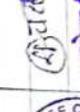
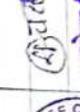
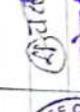
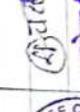
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10	10-12-2021	101	60	41	 	 आरोप निरीक्षक पिपडी नि.अर. महानगरपालिका
11	11-12-2021	100	60	40	 	 आरोप निरीक्षक पिपडी नि.अर. महानगरपालिका
12	12-12-2021	101	61	40	 	 आरोप निरीक्षक पिपडी नि.अर. महानगरपालिका
13	13-12-2021	103	61	42	 	 आरोप निरीक्षक पिपडी नि.अर. महानगरपालिका
14	14-12-2021	105	62	43	 	 आरोप निरीक्षक पिपडी नि.अर. महानगरपालिका
15	15-12-2021	101	61	40	 	 आरोप निरीक्षक पिपडी नि.अर. महानगरपालिका
16	16-12-2021	100	60	40	 	 आरोप निरीक्षक पिपडी नि.अर. महानगरपालिका
17	17-12-2021	102	61	41	 	 आरोप निरीक्षक पिपडी नि.अर. महानगरपालिका
18	18-12-2021	103	61	42	 	 आरोप निरीक्षक पिपडी नि.अर. महानगरपालिका

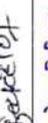
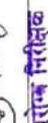
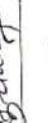
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20	20-12-2021	105	62	43	 	आरोक निक्षिक्त
21	21-12-2021	102	61	41	 	आरोक निक्षिक्त
22	22-12-2021	104	62	42	 	आरोक निक्षिक्त
23	23-12-2021	102	61	41	 	आरोक निक्षिक्त
24	24-12-2021	101	61	41	 	आरोक निक्षिक्त
25	25-12-2021	103	61	42	 	आरोक निक्षिक्त
26	26-12-2021	103	61	42	 	आरोक निक्षिक्त
27	27-12-2021	105	62	43	 	आरोक निक्षिक्त

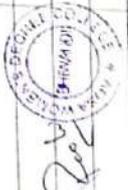
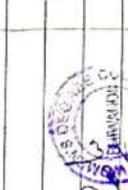
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28	28-12-2021	106	63	43	  आरोक्ष निरीक्षक पिपडी वि.सहर, महानगरपालिका	57 Sign
29	29-12-2021	105	62	43	  आरोक्ष निरीक्षक पिपडी वि.सहर, महानगरपालिका	
30	30-12-2021	106	63	43	  आरोक्ष निरीक्षक पिपडी वि.सहर, महानगरपालिका	
31	31-12-2021	102	61	41	  आरोक्ष निरीक्षक पिपडी वि.सहर, महानगरपालिका	
32	01-01-2022	103	61	42	  आरोक्ष निरीक्षक पिपडी वि.सहर, महानगरपालिका	
33	02-01-2022	103	61	42	  आरोक्ष निरीक्षक पिपडी वि.सहर, महानगरपालिका	
34	03-01-2022	105	62	43	  आरोक्ष निरीक्षक पिपडी वि.सहर, महानगरपालिका	
35	04-01-2022	106	63	43	  आरोक्ष निरीक्षक पिपडी वि.सहर, महानगरपालिका	
36	05-01-2022	105	62	43	  आरोक्ष निरीक्षक पिपडी वि.सहर, महानगरपालिका	

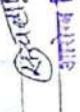
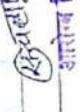
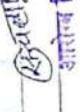
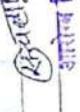
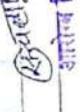
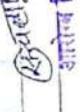
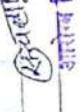
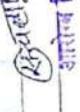
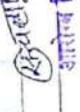
Sl. No.	Date	Quantity of wet waste generated (k.g.)	Quantity of wet waste processed (k.g.)	Quantity of Dry wastegiven to BNCMC/ Recycle (k.g.)	Sign	Remarks
37	06-01-2022	106	63	43	 	आरोप निरीक्षक निवडी मि. शहर प्रहसनगराजिक
38	07-01-2022	102	61	41	 	आरोप निरीक्षक निवडी मि. शहर प्रहसनगराजिक
39	08-01-2022	101	61	40	 	आरोप निरीक्षक निवडी मि. शहर प्रहसनगराजिक
40	09-01-2022	100	60	40	 	आरोप निरीक्षक निवडी मि. शहर प्रहसनगराजिक
41	10-01-2022	102	61	41	 	आरोप निरीक्षक निवडी मि. शहर प्रहसनगराजिक
42	11-01-2022	103	61	42	 	आरोप निरीक्षक निवडी मि. शहर प्रहसनगराजिक
43	12-01-2022	106	63	43	 	आरोप निरीक्षक निवडी मि. शहर प्रहसनगराजिक
44	13-01-2022	105	62	43	 	आरोप निरीक्षक निवडी मि. शहर प्रहसनगराजिक
45	14-01-2022	102	61	41	 	आरोप निरीक्षक निवडी मि. शहर प्रहसनगराजिक

Sl. No.	Date	Quantity of wet waste generated (k.g.)	Quantity of wet waste processed (k.g.)	Quantity of Dry wastegien to BNCMC/ Recycle (k.g.)	Sign	Remarks
46	15-01-2022	104	62	42	 	आरोब निरीक्षक पिंपळी नि.स.स. महाविद्यालय
47	16-01-2022	102	61	41	 	आरोब निरीक्षक पिंपळी नि.स.स. महाविद्यालय
48	17-01-2022	101	61	40	 	आरोब निरीक्षक पिंपळी नि.स.स. महाविद्यालय
49	18-01-2022	104	62	42	 	आरोब निरीक्षक पिंपळी नि.स.स. महाविद्यालय
50	19-01-2022	102	61	41	 	आरोब निरीक्षक पिंपळी नि.स.स. महाविद्यालय
51	20-01-2022	101	60	41	 	आरोब निरीक्षक पिंपळी नि.स.स. महाविद्यालय
52	21-01-2022	101	60	41	 	आरोब निरीक्षक पिंपळी नि.स.स. महाविद्यालय
53	22-01-2022	100	60	40	 	आरोब निरीक्षक पिंपळी नि.स.स. महाविद्यालय
54	23-01-2022	101	61	40	 	आरोब निरीक्षक पिंपळी नि.स.स. महाविद्यालय

Sr.	Date	Quantity of wet waste generated (k.g)	Quantity of wet waste processed (k.g)	Quantity of Dry wastegien to BNCMC/ Recycle (k.g)	Sign	Remark
55	24-01-2022	103	61	42	 P.S. Arora	SI sign
56	25-01-2022	105	62	43	 P.S. Arora	आरोप निरीक्षक
57	26-01-2022	105	62	43	 P.S. Arora	आरोप निरीक्षक
58	27-01-2022	103	61	42	 P.S. Arora	आरोप निरीक्षक
59	28-01-2022	104	62	42	 P.S. Arora	आरोप निरीक्षक
60	29-01-2022	100	60	40	 P.S. Arora	आरोप निरीक्षक
61	30-01-2022	102	61	41	 P.S. Arora	आरोप निरीक्षक
62	31-01-2022	101	60	41	 P.S. Arora	आरोप निरीक्षक
63	01-02-2022	104	62	42	 P.S. Arora	आरोप निरीक्षक

Sr.	Date	Quantity of wet waste generated (k.g.)	Quantity of wet waste processed (k.g.)	Quantity of Dry wastegiven to BNCMC/ Recycle (k.g.)	Sign	Remarks
64	02-02-2022	102	61	41	 Aron	Aron K 51 sign
65	03-02-2022	101	60	41	 Aron	Aron K Aron K निवडी नि.स.स. महानगरपालिका
66	04-02-2022	101	60	41	 Aron	Aron K Aron K निवडी नि.स.स. महानगरपालिका
67	05-02-2022	100	60	40	 Aron	Aron K Aron K निवडी नि.स.स. महानगरपालिका
68	06-02-2022	101	61	40	 Aron	Aron K Aron K निवडी नि.स.स. महानगरपालिका
69	07-02-2022	103	61	42	 Aron	Aron K Aron K निवडी नि.स.स. महानगरपालिका
70	08-02-2022	103	61	42	 Aron	Aron K Aron K निवडी नि.स.स. महानगरपालिका
71	09-02-2022	105	62	43	 Aron	Aron K Aron K निवडी नि.स.स. महानगरपालिका
73	10-02-2022	106	63	43	 Aron	Aron K Aron K निवडी नि.स.स. महानगरपालिका

Sl. No.	Date	Quantity of wet waste generated (k.g.)	Quantity of wet waste processed (k.g.)	Quantity of Dry wastegiven to BNCMC/ Recycle (k.g.)	Sign	Remark
74	11-02-2022	103	62	43	 	SI sign
75	12-02-2022	106	63	43	 	आरोप निरक्षक
76	13-02-2022	102	61	41	 	आरोप निरक्षक
77	14-02-2022	101	61	40	 	आरोप निरक्षक
78	15-02-2022	100	60	40	 	आरोप निरक्षक
79	16-02-2022	102	61	41	 	आरोप निरक्षक
80	17-02-2022	103	61	42	 	आरोप निरक्षक
81	18-02-2022	106	63	43	 	आरोप निरक्षक
82	19-02-2022	105	62	43	 	आरोप निरक्षक

Sr	Date	Quantity of wet waste generated (k.g.)	Quantity of wet waste processed/com (k.g.)	Quantity of Dry wastegien to BNCMC/ Recycle (k.g.)	Sign	Remark
83	20-02-2022	102	61	41	 आरोप निरीक्षक विश्वी मि.अर. महाराष्ट्र	51 Sign
84	21-02-2022	104	62	42	 आरोप निरीक्षक विश्वी मि.अर. महाराष्ट्र	
85	22-02-22	102	61	41	 आरोप निरीक्षक विश्वी मि.अर. महाराष्ट्र	
86	23-02-2022	101	61	41	 आरोप निरीक्षक विश्वी मि.अर. महाराष्ट्र	
87	24-02-2022	105	62	43	 आरोप निरीक्षक विश्वी मि.अर. महाराष्ट्र	
88	25-02-2022	103	61	42	 आरोप निरीक्षक विश्वी मि.अर. महाराष्ट्र	
89	26-02-2022	104	62	42	 आरोप निरीक्षक विश्वी मि.अर. महाराष्ट्र	
90	27-02-2022	100	60	40	 आरोप निरीक्षक विश्वी मि.अर. महाराष्ट्र	
91	28-02-2022	100	61	41	 आरोप निरीक्षक विश्वी मि.अर. महाराष्ट्र	