

8.1.6

Quality maintenance record

- Temperature chart register
- Cold chain management, storage guidelines

January 2020

DATE	MORNING	AFTERNOON	EVENING	NAME AND SIGN OF RECORDER
29/12/2019	2.	3.	4.	AB. Umesh
21/12/2019	3.	2.	3.	AN. Manisha
23/12/2019	3.	3.	3.	AN. Lily
24/12/2019	2.	2.	3.	SB. Sapna
26/12/2019	4.	2.	3.	SB. Manisha
27/12/2019	2.	2.	3.	SB. Sathna
28/12/2019	4.	3.	3.	SB. R. Desai
30/12/2019	3.	2.	2.	SIN. Sathna
31/12/2019	2.	3.	2.	SB. Sapna



[Signature]
Professor & Head,
Department of Paediatrics,
A.C.P.M. Medical College, Dhule (M.S.)

DATE	MORNING	AFTERNOON	EVENING	NAME AND SIGN OF RECORDER
1/1/2020	2.	3.	2.	SB. Lily
2/1/2020	2.	2.	3.	AN. Manisha
3/1/2020	3.	2.	2.	AN. Sapna
4/1/2020	3.	4.	2.	SB. Umesh
6/1/2020	2.	3.	3.	AN. Sathna
7/1/2020	3.	2.	2.	SB. R. Desai
8/1/2020	3.	2.	3.	SIN. Sapna
9/1/2020	2.	3.	2.	SB. R. Desai
10/1/2020	3.	4.	3.	AN. Manisha
11/1/2020	4.	2.	2.	AN. Sathna
13/1/2020	2.	3.	3.	SB. Umesh
14/1/2020	2.	2.	3.	SIN. Sapna
15/1/2020	3.	2.	2.	SB. R. Desai
16/1/2020	2.	2.	3.	SIN. Sathna
17/1/2020	3.	2.	3.	SB. Sapna
18/1/2020	2.	2.	2.	SIN. Manisha

[Signature]
Professor & Head,
Department of Paediatrics,
A.C.P.M. Medical College, Dhule (M.S.)

February 2020

DATE	MORNING	AFTERNOON	EVENING	NAME AND SIGN OF RECORDER	DATE	MORNING	AFTERNOON	EVENING	NAME AND SIGN OF RECORDER
20/11/2020	2.	3.	2.	Dr. R. Desai	1/2/2020	2.	3.	2.	Dr. R. Desai
21/11/2020	3.	2.	3.	Dr. Sapna	3/2/2020	3.	3.	2.	Dr. R. Desai
22/11/2020	2.	2.	3.	Dr. Sachna	4/2/2020	3.	2.	3.	Dr. Sapna
23/11/2020	4.	2.	2.	Dr. Lib	5/2/2020	4.	3.	2.	Dr. Manisha
24/11/2020	3.	3.	3.	Dr. Manisha	6/2/2020	2.	2.	3.	Dr. Umesh
25/11/2020	2.	3.	2.	Dr. Umesh	7/2/2020	3.	2.	3.	Dr. Sachna
27/11/2020	3.	2.	2.	Dr. R. Desai	8/2/2020	2.	2.	2.	Dr. R. Desai
28/11/2020	3.	2.	2.	Dr. Sapna	10/2/2020	3.	2.	3.	Dr. Sapna
29/11/2020	2.	2.	2.	Dr. Umesh	11/2/2020	2.	2.	2.	Dr. Umesh
30/11/2020	3.	3.	3.	Dr. R. Desai	12/2/2020	3.	2.	3.	Dr. Manisha
31/11/2020	2.	2.	3.	Dr. Sapna	13/2/2020	3.	3.	3.	Dr. R. Desai
					14/2/2020	4.	3.	2.	Dr. Umesh
					15/2/2020	2.	2.	3.	Dr. Sachna
					17/2/2020	2.	3.	2.	Dr. Manisha
					18/2/2020	4.	2.	3.	Dr. Umesh
					20/2/2020	3.	2.	2.	Dr. Sapna
					22/2/2020	3.	2.	2.	Dr. Sapna



Professor & Head,
Department of Paediatrics,
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Professor & Head,
Department of Paediatrics,
Jyoti's A.C.P.M. Medical College, Dhule (MS)

March 2020


DATE	MORNING	AFTERNOON	EVENING	NAME AND SIGN OF RECORDER
24/12/20	2.	3.	3.	SIN. Sapna
25/12/20	4.	3.	2.	Dr. R. Desai
26/12/20	3.	3.	3.	SIN. Sathna
27/12/20	4.	3.	2.	SIN. Manisha
28/12/20	2.	2.	2.	SIN. LB
2				<u>Dr. R. Desai</u>
2				Professor & Head, Department of Paediatrics, A.C.P.M. Medical College, Dhule (M.S.)



DATE	MORNING	AFTERNOON	EVENING	NAME AND SIGN OF RECORDER
2/1/2020	2.	3.	3.	Dr. R. Desai
3/1/2020	2.	2.	3.	Dr. Umesh
4/1/2020	3.	3.	2.	SIN. Sapna
5/1/2020	3.	3.	4.	SIN. Sathna
6/1/2020	2.	2.	3.	SIN. Manisha
7/1/2020	4.	3.	4.	Dr. R. Desai
9/1/2020	2.	3.	2.	SIN. Sapna
10/1/2020	—	—	—	
11/1/2020	3.	3.	2.	Dr. Umesh
12/1/2020	2.	2.	2.	SIN. Sathna
13/1/2020	3.	3.	4.	SIN. Sapna
14/1/2020	2.	2.	2.	SIN. Manisha
16/1/2020	3.	3.	4.	Dr. R. Desai
17/1/2020	2.	2.	2.	SIN. Sapna
18/1/2020	3.	2.	3.	SIN. Sathna
19/1/2020	4.	3.	3.	Dr. Umesh

Professor & Head,
Department of Paediatrics,
A.C.P.M. Medical College, Dhule (M.S.)

April 2020

DATE	MORNING	AFTERNOON	EVENING	NAME AND SIGN OF RECORDER
1/4/2020	2	3	3	Dr. Umesh
2/4/2020	4	3	2	Dr. Sapna
3/4/2020	2	2	2	Dr. Manisha
4/4/2020	4	3	3	Dr. Sapna
5/4/2020	2	2	3	Dr. R. Desai
6/4/2020	4	2	3	Dr. Umesh
7/4/2020	2	2	2	Dr. Manisha
8/4/2020	3	2	3	Dr. Sapna
				<p>July</p> <p>Professor & Head, Department of Paediatrics, S.A.C.P.M. Medical College, Dhule (M.S.)</p>

DATE	MORNING	AFTERNOON	EVENING	NAME AND SIGN OF RECORDER
1/4/2020	2	3	2	Dr. R. Desai
3/4/2020	4	3	2	Dr. Ush
4/4/2020	3	3	2	Dr. Manisha
5/4/2020	2	2	3	Dr. Umesh
7/4/2020	3	2	2	Dr. Sapna
8/4/2020	3	2	2	Dr. Sapna
9/4/2020	4	2	2	Dr. R. Desai
11/4/2020	2	2	3	Dr. Ush
13/4/2020	3	3	3	Dr. Manisha
15/4/2020	4	4	2	Dr. Ush
16/4/2020	3	3	2	Dr. R. Desai
17/4/2020	3	2	2	Dr. Ush
18/4/2020	3	3	2	Dr. Sapna
20/4/2020	3	2	2	Dr. Sapna
21/4/2020	2	2	3	Dr. Ush
22/4/2020	2	2	2	Dr. Sapna
				<p>July</p> <p>Professor & Head, Department of Paediatrics, S.A.C.P.M. Medical College, Dhule (M.S.)</p>

May - 2020

Date Morning After Noon Evening Name And Sign of Recorder

23/4/2020 2. 3. 4. JIN. LILY
24/4/2020 3. 3. 2. JIN. Umesh
25/4/2020 2. 2. 2. JIN. Sapna
27/4/2020 3. 2. 3. JIN. Sachna
28/4/2020 4. 3. 3. JIN. R. Desai
29/4/2020 3. 2. 2. JIN. Manisha
30/4/2020 2. 2. 2. JIN. Sapna



Professor & Head,
Department of Paediatrics,
A.C.P.M. Medical College, Dhule (M.S.)

Date Morning After Noon Evening Name & Sign of Recorder

02/5/2020 3°C 3°C 2°C S/N Lily
8/5/2020 2°C 4°C 2°C S/N Sadhana
4/5/2020 4°C 2°C 2°C S/N Shashikala
5/5/2020 3°C 2°C 4°C S/N Manisha
6/5/2020 4°C 3°C 2°C S/N Dipati Patil
8/5/2020 3°C 2°C 2°C S/N Sapna
9/5/2020 3°C 3°C 2°C S/N Sadhana
11/5/2020 2°C 4°C 2°C S/N Sapna
12/5/2020 4°C 3°C 2°C S/B Sandip Rajul
13/5/2020 2°C 4°C 3°C S/N Lily
14/5/2020 2°C 3°C 2°C S/B Umesh
15/5/2020 2°C 3°C 2°C S/N Manisha
16/5/2020 4°C 3°C 2°C S/N Manisha
18/5/2020 2°C 3°C 3°C S/N Sadhana
19/5/2020 2°C 3°C 4°C S/B Sandip Rajul
20/5/2020 3°C 4°C 3°C S/N Sadhana
21/5/2020 2°C 4°C 3°C S/N Manisha

Sd/- J. J. Jadhav
Principal, A.C.P.M. Medical College, Dhule (M.S.)

Date	Morning	Afternoon	Evening	Name & signed Recorder
22/5/2020	8°C	8°C	2°C	S/M Dipali Patil
23/5/2020	2°C	3°C	3°C	S/M Sapna Patil
26/5/2020	3°C	4°C	3°C	S/B Sandip
27/5/2020	4°C	3°C	3°C	S/B Rajesh
28/5/2020	2°C	2°C	3°C	S/M Manish
29/5/2020	2°C	3°C	3°C	S/M Lily
30/5/2020	2°C	4°C	8°C	S/M Sandip



Prof. Dr. P. P. Patil
Department of Pediatrics,
ACPM Medical College, Dhule (M.S.)

Jun 2020				Name & signed Recorder
Date	Morning	Afternoon	Evening	
01/6/2020	3°C	3°C	2°C	S/M Dipali Patil
2/6/2020	3°C	4°C	2°C	S/M Sadhan
3/6/2020	2°C	3°C	4°C	S/B Umesh
4/6/2020	3°C	2°C	2°C	S/B Rajesh
5/6/2020	3°C	2°C	2°C	S/M Manish
6/6/2020	3°C	2°C	2°C	S/M Sadhan
8/6/2020	2°C	3°C	2°C	S/M Lily
9/6/2020	2°C	3°C	2°C	S/B Sandip
10/6/2020	4°C	3°C	2°C	S/M Sapna Patil
11/6/2020	2°C	3°C	2°C	S/M Dipali Patil
12/6/2020	2°C	3°C	2°C	S/M Manish
13/6/2020	4°C	2°C	3°C	S/M Sadhan
15/6/2020	4°C	3°C	2°C	S/M Lily
16/6/2020	2°C	3°C	2°C	S/M Lily
17/6/2020	2°C	3°C	2°C	S/M Dipali Patil
18/6/2020	4°C	2°C	3°C	S/M Sadhan
19/6/2020	2°C	3°C	2°C	S/M Manish

Prof. Dr. P. P. Patil
Department of Pediatrics,
ACPM Medical College, Dhule (M.S.)

July 2020

Date	Morning	Afternoon	Evening	Name & Signature of Recorder
20/6/2020	2°C	2°C	3°C	S/N Manisha
22/6/2020	4°C	3°C	2°C	S/N Manisha
23/6/2020	5°C	2°C	3°C	S/B Pajesh
24/6/2020	2°C	2°C	3°C	S/N Sadhana
25/6/2020	4°C	3°C	2°C	S/N Lily
26/6/2020	2°C	2°C	3°C	S/B Umesh
27/6/2020	2°C	3°C	2°C	S/N Sapna
29/6/2020	2°C	3°C	3°C	S/B Sandip
30/6/2020	2°C	3°C	2°C	S/N Sadhana



Professor & Head
Department of Paediatrics
J.M.S.A.C.P.M. Medical College, Dhule (M.S.)

Date	Morning	Afternoon	Evening	Name & Signature of Recorder
1/7/2020	3°C	2°C	2°C	S/N Sadhana
2/7/2020	2°C	3°C	4°C	S/N Manisha
3/7/2020	2°C	3°C	2°C	S/B Pajesh
4/7/2020	2°C	2°C	4°C	S/N Lily
6/7/2020	2°C	3°C	2°C	S/N Bipali
7/7/2020	4°C	2°C	2°C	S/N Manisha
8/7/2020	2°C	2°C	3°C	S/B Umesh
9/7/2020	3°C	2°C	2°C	S/N Lily
10/7/2020	2°C	3°C	2°C	S/N Manisha
11/7/2020	2°C	3°C	4°C	S/B Umesh
13/7/2020	3°C	2°C	3°C	S/N Lily
14/7/2020	3°C	4°C	2°C	S/N Manisha
15/7/2020	4°C	2°C	3°C	S/N Bipali
16/7/2020	3°C	2°C	4°C	S/B Umesh
17/7/2020	2°C	3°C	3°C	S/N Bipali
18/7/2020	2°C	2°C	2°C	S/N Manisha
20/7/2020	3°C	2°C	3°C	S/N Manisha

Professor & Head
Department of Paediatrics
J.M.S.A.C.P.M. Medical College, Dhule (M.S.)

August 2020

Date	Morning	Afternoon	Evening	Name & Sign of Recorder
21/7/2020	2°C	4°C	2°C	S/N Sapra
22/7/2020	3°C	2°C	2°C	S/B Rajesh
23/7/2020	3°C	4°C	2°C	S/N Sadhang
24/7/2020	2°C	2°C	3°C	S/N Manisha
25/7/2020	2°C	3°C	2°F	S/B Manisha
27/7/2020	3°C	2°C	3°C	S/B Umesh
28/7/2020	2°C	3°C	2°C	S/N Manisha
29/7/2020	2°C	2°C	2°C	S/N Lily
30/7/2020	3°C	3°C	2°C	S/N Sadhang
31/7/2020	2°C	3°C	2°C	S/N Pipali



Professor & Head,
Department of Pediatrics,
A.C.P.M. Medical College, Dhule (M.S.)

Date	Morning	Afternoon	Evening	Name & Sign of Recorder
3/8/2020	2°C	4°C	2°C	S/N Pipali Patil
4/8/2020	3°C	2°C	3°C	S/B Rajesh
5/8/2020	3°C	2°C	2°C	S/N Sadhang
6/8/2020	2°C	3°C	3°C	S/N Manisha
7/8/2020	2°C	3°C	2°C	S/B Umesh
8/8/2020	3°C	4°C	2°C	S/N Lily
10/8/2020	2°C	3°C	2°C	S/N Sadhang
11/8/2020	3°C	3°C	2°C	S/N Sapra
12/8/2020	3°C	2°C	2°C	S/N Pipali Patil
13/8/2020	4°C	2°C	3°C	S/N Sadhang
14/8/2020	2°C	3°C	2°C	S/N Sapra
17/8/2020	3°C	2°C	3°C	S/B Umesh
18/8/2020	2°C	3°C	2°C	S/N - Lily
19/8/2020	4°C	2°C	2°C	S/N Shashikala
20/8/2020	2°C	3°C	2°C	S/N - Manisha
21/8/2020	2°C	3°C	2°C	S/B Rajesh

Professor & Head,
Department of Pediatrics,
A.C.P.M. Medical College, Dhule (M.S.)

September 2020

Date	Morning	Afternoon	Evening	Name & sign of Recorder
23/8/2020	4°C	2°C	3°C	S/N manishq
24/8/2020	3°C	2°C	2°C	S/N manishq
25/8/2020	2°C	3°C	2°C	S/N Lily
26/8/2020	3°C	3°C	2°C	S/B Sandip
27/8/2020	2°C	3°C	2°C	S/B Rajesh
28/8/2020	2°C	4°C	3°C	S/N Lily
29/8/2020	3°C	2°C	2°C	S/B Umesh
30/8/2020	3°C	2°C	3°C	S/N sapna



Lily
Professor & Head,
Department of Paediatrics,
JESACPM Medical College, Dhule (M.S.)

Date	Morning	Even Afternoon	Evening	Name & sign of Recorder
1/9/2020	3°C	2°C	3°C	S/N Lily
2/9/2020	2°C	4°C	2°C	S/B Umesh
4/9/2020	5°C	4°C	2°C	S/N manishq
5/9/2020	3°C	2°C	3°C	S/N Sadhanq
7/9/2020	1 1/2°C	2°C	3°C	S/B Sandip
8/9/2020	2°C	2°C	3°C	S/B Rajesh
9/9/2020	3°C	2°C	2°C	S/N Lily
10/9/2020	3°C	3°C	2°C	S/N Sadhanq
11/9/2020	2°C	3°C	2°C	S/B Umesh
12/9/2020	3°C	2°C	3°C	S/B Sandip
14/9/2020	2°C	3°C	4°C	S/B Rajesh
15/9/2020	4°C	2°C	3°C	S/N Sadhanq
16/9/2020	2°C	3°C	2°C	S/N sapna
17/9/2020	3°C	2°C	4°C	S/N manishq
18/9/2020	3°C	4°C	2°C	S/N Lily
19/9/2020	2°C	3°C	2°C	S/B Umesh
21/9/2020	3°C	2°C	3°C	S/N Lily

Lily
Professor & Head,
Department of Paediatrics,
JESACPM Medical College, Dhule (M.S.)

Date	Morning	Afternoon	Evening	Name & Sign of Recorder
22/9/2020	3°C	2°C	2°C	S/N Manishq
23/9/2020	4°C	2°C	2°C	S/N Dipali Patil
24/9/2020	2°C	3°C	3°C	S/B Umesh Gadhare
25/9/2020	3°C	2°C	3°C	S/N Sapna Patil
26/9/2020	2°C	2°C	2°C	S/B Rajesh
28/9/2020	3°C	3°C	2°C	S/N Lily
29/9/2020	2°C	3°C	2°C	S/N Shashikala
30/9/2020	3°C	2°C	3°C	S/N Lily



Professor & Head
Department of Paediatrics,
Jyoti Sagar Medical College, Dhule (M.S.)

October 2020					Date	Morning	Afternoon	Evening	Name & Sign of Recorder
					1/10/2020	2°C	3°C	2°C	S/N Sadhang
					3/10/2020	3°C	2°C	2°C	S/N Lily
					5/10/2020	3°C	4°C	2°C	S/N Sapna Patil
					6/10/2020	3°C	2°C	2°C	S/B Sandip
					7/10/2020	2°C	3°C	3°C	S/N Sapna
					8/10/2020	3°C	2°C	2°C	S/B Sandip Pagal
					9/10/2020	2°C	3°C	3°C	S/N Dipali Patil
					12/10/2020	2°C	3°C	2°C	S/N Shashikala
					13/10/2020	3°C	2°C	3°C	S/N Sadhang
					14/10/2020	2°C	2°C	3°C	S/N Lily
					15/10/2020	2°C	3°C	2°C	S/N Manishq
					16/10/2020	3°C	2°C	2°C	S/B Sandip Marule
					17/10/2020	3°C	2°C	3°C	S/N Sapna
					19/10/2020	2°C	3°C	2°C	S/N Lily
					20/10/2020	2°C	3°C	2°C	S/N Manishq
					21/10/2020	2°C	3°C	2°C	S/B Rajesh
					22/10/2020				

Professor & Head
Department of Paediatrics,
Jyoti Sagar Medical College, Dhule (M.S.)

Date	morning	Afternoon	Evening	Name & sign of Recorder
23/10/2020	2°C	3°C	3°C	S/N Sudhang
24/10/2020	3°C	2°C	2°C	S/N Shashikalya
26/10/2020	3°C	2°C	2°C	S/B Umesh
27/10/2020	2°C	4°C	2°C	S/B Sandip Bha
28/10/2020	3°C	2°C	3°C	S/N Manish
29/10/2020	2°C	3°C	3°C	S/N Lily
31/10/2020	3°C	2°C	2°C	S/N Rupn



Professor & Head,
Department of Paediatrics,
A.C.P.M. Medical College, Dhule - (M.S.)

November 2020					Date	morning	Afternoon	Evening	Name & sign of Recorder
					2/11/2020	2°C	3°C	3°C	S/N Dipati Patil
					3/11/2020	2°C	4°C	3°C	S/N Sandip
					4/11/2020	3°C	2°C	2°C	S/N Rupn
					5/11/2020	3°C	3°C	3°C	S/N Lily
					6/11/2020	2°C	3°C	2°C	S/N Shashikalya
					7/11/2020	4°C	3°C	3°C	S/N Manish
					9/11/2020	2°C	3°C	2°C	S/N Lily
					10/11/2020	2°C	2°C	3°C	S/B Rajesh
					11/11/2020	4°C	2°C	3°C	S/B Umesh
					12/11/2020	2°C	3°C	2°C	S/N Sudhang
					13/11/2020	5°C	2°C	3°C	S/N Lily
					17/11/2020	2°C	3°C	3°C	S/N Lily
					18/11/2020	3°C	2°C	2°C	S/N Shashikalya

Professor & Head,
Department of Paediatrics,
A.C.P.M. Medical College, Dhule - (M.S.)



Date	Morning	Afternoon	Evening	Name & Sign of Recorder
16/12/2020	2°C	3°C	2°C	S/B Rajesh
17/12/2020	3°C	4°C	2°C	S/B Umesh
18/12/2020	2°C	3°C	2°C	S/N Lily
19/12/2020	4°C	2°C	2°C	S/N - Sadhana
21/12/2020	3°C	2°C	3°C	S/N Lily
22/12/2020	2°C	3°C	2°C	S/N Sapna
23/12/2020	2°C	3°C	4°C	S/N Sapna
24/12/2020	5°C	3°C	2°C	S/A Rajesh
26/12/2020	4°C	2°C	3°C	S/N Sadhana
28/12/2020	3°C	2°C	2°C	S/N Sadhana
29/12/2020	2°C	3°C	2°C	S/N Shashitalq
30/12/2020	3°C	3°C	2°C	S/B Sapna
31/12/2020	2°C	2°C		S/N Lily

Prof. Dr. H. S. ...
Department of Paediatrics
M.S.S.A.C.P.M. Medical College, Dhule (M.S.)

January 2021					Date	Morning	Afternoon	Evening	Name & Sign of Recorder
					1/1/2021	2°C	3°C	2°C	S/B Umesh
					2/1/2021	4°C	2°C	3°C	S/B Rajesh
					4/1/2021	3°C	3°C	2°C	S/N Lily
					5/1/2021	2°C	3°C	4°C	S/N Monisha
					6/1/2021	4°C	4°C	2°C	S/N Sadhana
					7/1/2021	3°C	4°C	4°C	S/N Sadhana
					8/1/2021	2°C	3°C	3°C	S/N Sapna
					9/1/2021	2°C	2°C	3°C	S/N Sapna
					11/1/2021	4°C	3°C	2°C	S/B Umesh
					12/1/2021	2°C	2°C	3°C	S/B Umesh
					13/1/2021	3°C	4°C	2°C	S/N Monisha
					14/1/2021	3°C	4°C	3°C	S/N Monisha
					15/1/2021	3°C	3°C	2°C	S/N Monisha

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Date	morning	Afternoon	Evening	Name of sig of Recorder
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16/12/2020	2°C	3°C	2°C	S/B Rajesh
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17/12/2020	3°C	4°C	2°C	S/B Umesh
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18/12/2020	2°C	3°C	2°C	S/N Lily
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19/12/2020	4°C	2°C	2°C	S/N- Sadhana
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21/12/2020	3°C	2°C	3°C	S/N Lily
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22/12/2020	2°C	3°C	2°C	S/N Sapna
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23/12/2020	2°C	3°C	4°C	S/N Sapna
------------	-----	-----	-----	-----------

24/12/2020	3°C	3°C	2°C	S/A Rajesh
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26/12/2020	4°C	2°C	3°C	S/N Sadhana
------------	-----	-----	-----	-------------

29/12/2020	3°C	2°C	2°C	S/N Sadhana
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30/12/2020	2°C	5°C	2°C	S/N Shashitala
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31/12/2020	3°C	3°C	2°C	S/B Sapna
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1/1/2021	2°C	2°C	2°C	S/N Lily
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January 2021

Date	morning	Afternoon	Evening	Name & sig of Recorder
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1/1/2021	2°C	3°C	2°C	S/B Umesh
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2/1/2021	4°C	2°C	3°C	S/B Rajesh
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4/1/2021	3°C	3°C	2°C	S/N Lily
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5/1/2021	2°C	3°C	4°C	S/N Manisha
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6/1/2021	4°C	4°C	2°C	S/N Sadhana
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7/1/2021	3°C	4°C	4°C	S/N Sadhana
----------	-----	-----	-----	-------------

8/1/2021	2°C	3°C	3°C	S/N Sapna
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9/1/2021	2°C	2°C	3°C	S/N Sapna
----------	-----	-----	-----	-----------

11/1/2021	4°C	3°C	2°C	S/B Umesh
-----------	-----	-----	-----	-----------

12/1/2021	2°C	2°C	3°C	S/B Umesh
-----------	-----	-----	-----	-----------

13/1/2021	3°C	4°C	2°C	S/N Manisha
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14/1/2021	3°C	4°C	3°C	S/N Manisha
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15/1/2021	3°C	3°C	2°C	S/N Manisha
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February 2021

Date	Morning	Afternoon	Evening	Name & Sign of Recorder
16/1/2021	2°C	4°C	4°C	S/B Umesh
18/1/2021	3°C	2°C	4°C	S/N Shashikala
19/1/2021	4°C	4°C	3°C	S/N Sadhane
20/1/2021	2°C	3°C	2°C	S/N Sapna
21/1/2021	2°C	2°C	3°C	S/N Sapna
22/1/2021	3°C	2°C	2°C	S/N Shashikala
23/1/2021	2°C	8°C	3°C	S/N Sapna
25/1/2021	3°C	4°C	4°C	S/B Umesh
27/1/2021	3°C	3°C	4°C	S/B Rajesh
28/1/2021	2°C	2°C	3°C	S/B Rajesh
29/1/2021	3°C	4°C	4°C	S/B Umesh
30/1/2021	2°C	3°C	2°C	S/N Manisha

Date	Morning	Afternoon	Evening	Name & Sign of Recorder
1/2/2021	3°C	2°C	3°C	S/N Manisha
2/2/2021	4°C	2°C	3°C	S/N Shashikala
3/2/2021	3°C	2°C	2°C	S/N Shashikala
4/2/2021	3°C	4°C	3°C	S/N Manisha
5/2/2021	3°C	2°C	2°C	S/N Lily
6/2/2021	4°C	4°C	2°C	S/N Lily
8/2/2021	3°C	2°C	2°C	S/N Sadhane
9/2/2021	4°C	3°C	2°C	S/N Lily
10/2/2021	3°C	3°C	2°C	S/B Umesh
11/2/2021	4°C	2°C	3°C	S/B Rajesh
12/2/2021	2°C	2°C	3°C	S/N Lily
13/2/2021	2°C	2°C		S/N Shashikala



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March 2021

Date	Morning	Afternoon	Evening	Name and sign of recorder
15/2/2021	2°C	3°C	2°C	S/N Sapana
16/2/2021	2°C	2°C	3°C	S/B Umesh
17/2/2021	3°C	2°C	2°C	S/B Umesh
18/2/2021	4°C	4°C	3°C	S/N Manisha
20/2/2021	3°C	2°C	3°C	S/N Sachin
22/2/2021	2°C	2°C	3°C	S/N Lily
23/2/2021	4°C	3°C	2°C	S/N Lily
24/2/2021	4°C	4°C	3°C	S/N Manisha
25/2/2021	2°C	3°C	3°C	S/N Manisha
26/2/2021	3°C	2°C	2°C	S/B Umesh
27/2/2021	2°C	2°C	4°C	S/B Rajesh

Date	Morning	Afternoon	Evening	Name and sign of recorder
1/3/2021	3°C	2°C	3°C	S/B Umesh
2/3/2021	3°C	3°C	4°C	S/N Shashikala
3/3/2021	4°C	3°C	3°C	S/B Umesh
4/3/2021	2°C	3°C	3°C	S/N Sachin
5/3/2021	4°C	4°C	2°C	S/N Sapana
6/3/2021	2°C	2°C	3°C	S/N Sapana
8/3/2021	4°C	4°C	3°C	S/N Sachin
9/3/2021	3°C	2°C	3°C	S/B Rajesh
10/3/2021	3°C	2°C	3°C	S/B Rajesh
12/3/2021	3°C	3°C	2°C	S/N Manisha
13/3/2021	4°C	3°C	3°C	S/N Lily
14/3/2021	2°C	3°C	2°C	S/N Lily
15/3/2021	2°C	3°C	2°C	S/B Umesh
16/3/2021	2°C	3°C	2°C	S/B Umesh
17/3/2021	4°C	4°C	3°C	S/B Rajesh



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Prof. Dr. [Signature]
Department of [Text]
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April 2021

Date	Morning	Afternoon	Evening	Name of student sign of recorder
18/3/2021	2°C	2°C	3°C	S/B Rajesh
19/3/2021	3°C	3°C	2°C	S/N Manisha
20/3/2021	3°C	4°C	4°C	S/N Manisha
22/3/2021	4°C	3°C	2°C	S/N Lipy
23/3/2021	2°C	2°C	3°C	S/N Lipy
24/3/2021	3°C	2°C	2°C	S/N Shashikale
25/3/2021	4°C	3°C	2°C	S/B Umesh
26/3/2021	2°C	2°C	4°C	S/N Lipy
27/3/2021	4°C	3°C	3°C	S/B Umesh
30/3/2021	3°C	3°C	2°C	S/N Sapna
31/3/2021	3°C	4°C	2°C	S/N Sadhner

Date	Morning	Afternoon	Evening	Name of student sign of recorder
1/4/2021	3°C	3°C	4°C	S/B Umesh
3/4/2021	4°C	4°C	3°C	S/B Umesh
5/4/2021	3°C	2°C	4°C	S/B Rajesh
6/4/2021	2°C	2°C	3°C	S/B Rajesh
7/4/2021	3°C	3°C	4°C	S/B Rajesh
8/4/2021	4°C	4°C	2°C	S/N Sadhner
9/4/2021	2°C	3°C	3°C	S/N Sapna
10/4/2021	2°C	4°C	3°C	S/N Sapna
12/4/2021	3°C	2°C	4°C	S/B Umesh
15/4/2021	4°C	3°C	4°C	S/N Shashikale
16/4/2021	2°C	3°C	2°C	S/N Sadhner



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May 2021

Date	Morning	Afternoon	Evening	Name & Sign of Recorder
17/4/2021	3°C	2°C	2°C	S/B Rakesh
19/4/2021	3°C	4°C	4°C	S/N Shashikala
20/4/2021	4°C	3°C	2°C	S/N Shashikala
22/4/2021	2°C	3°C	2°C	S/N Lily
23/4/2021	2°C	2°C	3°C	S/N Shashikala
24/4/2021	4°C	4°C	3°C	S/N Sapna
26/4/2021	3°C	3°C	2°C	S/N Sapna
27/4/2021	3°C	2°C	2°C	S/N Sadhana
28/4/2021	4°C	3°C	3°C	S/B Rakesh
29/4/2021	2°C	2°C	3°C	S/B Rakesh
30/4/2021	3°C	4°C	4°C	S/N Sadhana

Date	Morning	Afternoon	Evening	Name & Sign of Recorder
3/5/2021	3°C	4°C	3°C	S/N Sadhana
4/5/2021	4°C	2°C	4°C	S/N Lily
5/5/2021	4°C	3°C	4°C	S/N Lily
6/5/2021	3°C	2°C	3°C	S/N Sapna
7/5/2021	2°C	3°C	2°C	S/N Sapna
8/5/2021	4°C	3°C	4°C	S/N Lily
10/5/2021	2°C	2°C	3°C	S/N Lily
11/5/2021	3°C	3°C	2°C	S/N Sapna
12/5/2021	2°C	3°C	4°C	S/N Sadhana
13/5/2021	3°C	2°C	2°C	S/N Sadhana
15/5/2021	2°C	3°C	3°C	S/B Umesh



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June 2021

date	Morning	Afternoon	Evening	Name of Recorder
17/5/2021	2°C	4°C	3°C	S/B Umesh
18/5/2021	3°C	2°C	2°C	S/N Shashikala
19/5/2021	2°C	3°C	3°C	S/N Shashikala
20/5/2021	3°C	4°C	4°C	S/N Sadhnera
21/5/2021	4°C	3°C	2°C	S/N Sadhnera
22/5/2021	3°C	2°C	3°C	S/N Lily
24/5/2021	3°C	4°C	3°C	S/B Umesh
25/5/2021	2°C	2°C		S/B Umesh
27/5/2021	3°C	2°C	2°C	S/N Shashikala
28/5/2021	4°C	2°C	3°C	S/N Sadhnera
29/5/2021	3°C	3°C	4°C	S/N Lily
31/5/2021	2°C	3°C	3°C	S/N Sadhnera

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date	Morning	Afternoon	Evening	Name of Recorder
1/6/2021	3°C	3°C	2°C	S/N Manisha
2/6/2021	3°C	4°C	3°C	S/B Umesh
3/6/2021	3°C	4°C	3°C	S/B Umesh
4/6/2021	4°C	4°C	3°C	S/B Umesh
5/6/2021	2°C	2°C	3°C	S/B Umesh
7/6/2021	3°C	4°C	3°C	S/N Sapna
8/6/2021	3°C	3°C	4°C	S/B Rajesh
9/6/2021	2°C	3°C	4°C	S/N Shashikala
10/6/2021	2°C	3°C	2°C	S/N Lily
11/6/2021	3°C	3°C	2°C	S/N Manisha
12/6/2021	4°C	2°C	3°C	S/N Lily
13/6/2021	3°C	4°C	4°C	S/N Manisha
15/6/2021	3°C	4°C	3°C	S/B Rajesh

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July 2021

Date	Morning	Afternoon	Evening	Name & sign of Recorder
16/6/2021	3°C	2°C	2°C	S/B Umesh
17/6/2021	3°C	2°C	2°C	S/B Rajesh
18/6/2021	2°C	3°C	4°C	S/N Saponu
19/6/2021	4°C	3°C	3°C	S/N Saponu
21/6/2021	3°C	2°C	3°C	S/N Lily
22/6/2021	3°C	4°C	3°C	S/N Lily
23/6/2021	2°C	3°C	4°C	S/N Lily
24/6/2021	3°C	2°C	2°C	S/N Sadhane
25/6/2021	3°C	3°C	4°C	S/N Sadhane
26/6/2021	4°C	4°C	3°C	S/N Sadhane
28/6/2021	3°C	4°C	2°C	S/B Rajesh
29/6/2021	2°C	2°C	3°C	S/B Umesh
30/6/2021	3°C	2°C	3°C	S/N Saponu

Date	Morning	Afternoon	Evening	Name & sign of Recorder
1/7/2021	3°C	3°C	2°C	S/N Manisha
2/7/2021	2°C	3°C	3°C	S/N Manisha
3/7/2021	2°C	3°C	4°C	S/N Sadhane
5/7/2021	2°C	2°C	3°C	S/N Saponu
6/7/2021	3°C	2°C	2°C	S/N Shashikate
7/7/2021	3°C	3°C	2°C	S/B Rajesh
8/7/2021	2°C	3°C	2°C	S/N Lily
9/7/2021	3°C	4°C	4°C	S/B Umesh
10/7/2021	4°C	4°C	3°C	S/B Rajesh
12/7/2021	3°C	2°C	2°C	S/N Sadhane
13/7/2021				
14/7/2021				
15/7/2021				
16/7/2021				



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MAINTENANCE OF COLD CHAIN

Cold chain is the system of transporting, storing and distributing vaccine in a potent state at recommended temperature till it is administered to an individual. Maintaining the cold chain is of utmost importance.

The potency of the vaccines can get affected irreversibly if the temperature is not maintained within the recommended range during the storage, transport, retailing and administering the vaccine.

The recommended temperature range for most of the vaccine is from 2°C to 8°C. Few vaccines are stored at a frozen state. The different types of cold chain equipment are Walk- in freezers, walk- in coolers, deep freezer, ice lined refrigerator (ILR), purpose built refrigerator, domestic refrigerator, isothermic cold boxes and vaccine carriers.



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PRECAUTIONS TO BE TAKEN WHILE STORING VACCINES IN ILR

The ILR has two sections- the top and the bottom

- The bottom of the refrigerator is the coolest place. The DPT, DT, TT and hepatitis B vaccines should not be kept directly on the floor of the refrigerator as they can freeze and get damaged.
- The DPT, DT, TT and hepatitis B vaccine along with diluents are to be placed in a basket.
- The thermometer should also be placed in the basket along with the vaccines as this gives the correct temperature.
- If no basket is available, place two rows of empty/ water containers filled with ice packs on the floor of the ILR.

PRECAUTIONS TO BE TAKEN WHILE STORING VACCINES

IN VACCINE CARRIERS

Vaccine carriers are used by health workers for carrying vaccines (16-20 vials) to sub centers or to villages or for delivery of vaccines from the supplier's shop to the vaccination clinic. They maintain the cold chain during transport and for one day's use in the field. The inside temperature of a vaccine carrier is maintained between 2 and 8 ° C with four frozen ice packs for one day (if not opened frequently).

- Only vaccine carriers with four ice packs should be used.
- Do not leave vaccine carriers in the sunlight.
- Do not open the lid unnecessarily as this may allow heat and light into the carrier and may spoil the vaccine.
- Do not drop or sit on the vaccine carrier. This can damage the carrier.





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PROTOCOL FOR KEEPING VACCINES SAFE DURING IMUNIZATION SESSIONS

- Avoid opening refrigerator door/ cooler frequently.
- Reconstitute vaccines immediately prior to administration.
- When the vaccines are outside the vaccine carrier, keep them out of direct sunlight and away from other sources of heat and ultraviolet light
- Avoid handling vaccines any more than absolutely necessary. Take out the vaccine and diluents from the cooler only as per requirement.

PROTOCOL FOR KEEPING VACCINES SAFE DURING POWER FAILURE

- During a power failure of four hours or less, the refrigerator door should be kept closed.
- During power failures more than four hours, if the backup generator facility is not available, identify an available unit at other nearby site and shift the vaccines to the alternative storage site.
- If a refrigerator with a backup generator has not been located or is not working, and for power failure of more than four hours, store vaccines in a cooler with conditioned ice packs/ gel packs.
- Continue to monitor the temperature of the vaccines by placing the thermometer probe inside a vaccine box inside the cooler.





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PRECAUTIONS TO BE TAKEN WHILE STORING VACCINES IN DOMESTIC REFRIGERATOR

- Vaccines must never be stored in the door of the refrigerator.
- Place freeze tolerant vaccines (measles, mumps, rubella, oral poliomyelitis—OPV and bacillus of Calmette and Guerin—BCG) in the shelves identified as being the coldest.
- Freeze sensitive vaccines (DTP containing vaccines; Hib, pneumococcal, influenza, hepatitis, inactivated polio vaccine (IPV) and some varicella vaccines) should be placed on shelves identified as having more stable temperature (e.g.no “cold spots”)
- Store the vaccines in enclosed plastic containers/ labeled baskets.
 - This will allow easy identification of vaccines and minimizes time spent with the door opened searching for vaccines.
 - Enclosed plastic containers will help to stabilize temperatures a little and provide some protection in borderline freezing episodes as well as against effects from the cooling plate and blasts of cold air from outlets.
- Do not crowd the shelves by overfilling the vaccines. Allow space between containers for air circulation.
- Storage of vaccine against refrigerator walls increases the risk of freezing. Ensure a gap of at least 4 cm from all walls of refrigerator and between two large packs of vaccines.
- Keep a distance of at least 4 cm above and below the vaccine container to allow free circulation of air.
- Rotate stock so vaccines with the shortest expiry date are used first.





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PROTOCOL FOR MAINTENANCE OF THE VACCINE REFRIGERATOR

- Refrigerator break downs should be repaired immediately.
- Regularly check the door seals to ensure that a good seal is maintained. Replace the seals if they are damaged or cold air is leaking from the refrigerator.
- Refrigerators that are not frost free should be defrosted regularly to prevent ice buildup. If the freezer is not frost free, ice should not be allowed to build up more than ¼ inch. Ice buildup reduces the efficiency and performance of the refrigerator.
- During defrosting or cleaning of the refrigerator, move the vaccines to a second refrigerator.
- If there are exposed coils on the back of the refrigerator, keep them clean and dust free to improve efficiency.



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ADVERSE EVENTS, SIDE EFFECTS, COMPLICATIONS REPORT

No serious side effects/ adverse drug reactions due to vaccination conducted at the hospital were observed.




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