



COVID CARE MANAGEMENT SYSTEM (CCMS) MAHARASHTRA



Public Health Department Government of Maharashtra

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OVERVIEW

COVID-19 Care Management System (CCMS) is a web portal for managing the bed, oxygen supply, and medicine availability status for COVID patients across all the hospitals in the state. A real-time state-of-the-art system developed where the administration will have all required information at a glance and in one place.

All the districts are divided into six divisions and all the hospitals among these districts are listed with their capacity and availability for various types of beds, oxygen, and medicines needs.

OBJECTIVES

Setting up a standard dashboard to be applicable across the state of Maharashtra with uniform modules, to support in addressing and managing the medical infrastructure.

FEATURES

The web portal will provide one-stop easy and real-time access for hospital beds, medicines, oxygen supply, hospital audits, and administrative reporting. The OTP-based user login to obtain the security of crucial information and to avoid wrong data entry from unauthorized users, with multiple levels of hierarchy for check balance mechanism. Along with the user-friendly portal, the mobile application based on Android and IOS will also be available.

	State Bed Availability Status
HOSPITAL BEDS ACROSS STATE	Division and District wise Bed Availability Status
	Hospital Bed Management
	State Oxygen Availability Status
OXYGEN AVAILABILITY	Division and District wise Oxygen Availability Status
	Hospital Oxygen Availability Status
	State Medicine Availability Status
	Division and District wise Medicine Availability Status
RESOURCES	Division and District wise Oxygen Resources availability status
	Division and District wise Oxygen Concentrators availability status
	District-wise List of LMO Manufacturers, Oxygen Re-fillers, Oxygen Distributors
SUPPLIERS	District-wise List of Medicine Dealers
	District-wise List of Oxygen Consuming Industries where oxygen is supplied by manufacturers

USER ROLES

There are five user levels for all modules, each level is defined as below:

LEVEL	USERS	ACCESS	MODULE
I	Chief Secretary Office	Dashboard view- only	 a. Public Dashboard (Hospital & District-Wise Bed Availability) b. State Dashboards (Bed, Oxygen and Medicine Availability) c. Resources (Oxygen and Medicine Resources and Oxygen Concentrators) d. Suppliers e. Hospitals f. Tankers
II	Public Health Department, Food and Drugs Administration, Relief and Rehabilitation Department, DHS, and Transport Commissioner	Modify all users, hospitals, and suppliers. Also, user-based access to specific modules. Dashboard view- only	 a. Public Dashboard (Hospital and District-Wise Bed Availability) b. State Dashboards (Bed, Oxygen and Medicine Availability) c. Resources (Oxygen and Medicine Resources and Oxygen Concentrators) d. Suppliers e. Hospitals f. Tankers
=	Divisional Commissioner	Modify mapped division users, hospitals, and suppliers Dashboard view- only	 a. Public Dashboard (Hospital and District-Wise Bed Availability) b. Resources (Oxygen and Medicine Resources and Oxygen Concentrators) c. Suppliers d. Hospitals
IV	District Administration, Municipal Commissioner, and Taluka Administration	Modify mapped district users, hospitals, and suppliers Dashboard view- only	 a. Public Dashboard (Hospital and District-Wise Bed Availability) b. Resources (Oxygen and Medicine Resources and Oxygen Concentrators) c. Suppliers d. Hospitals
v	Hospitals, Manufactures, Re-fillers, Medicine Dealers, Distributors, and Oxygen Consuming Industries	View, submit and update information Dashboard view- only	 a. Public Dashboard (Hospital and District-Wise Bed Availability) – view-only access b. Supplier and Receiver Module c. Bed, Medicine, and Oxygen Inventory

1. PUBLIC DASHBOARD

To access the public dashboard of this portal the user needs to go to the URL. mahacovid.jeevandayee.gov.in.

The user will have access to the public dashboard, where the district-wise bed availability status for all hospitals across the state will be visible. The state bed availability dashboard is for the public domain and availability status can be viewed without login into the system.

2. ADMINISTRATOR DASHBOARD

There are seven different modules as listed below:



2.1 STATE DASHBOARD

The dashboard contains Bed, Oxygen, and Medicine availability in all hospitals across the state with its available and total count for each type. It also shows the percentage of availability in each type. This will help the user to take the required action to maintain sufficient resources.



2.2 OXYGEN AVAILABILITY

The division/district-wise oxygen availability with its Capacity and Normative Requirement, with a blinking link as 'District level Info' for detailed information of a particular district.

			Оху	/gen Availability –	Maharashtra St	ate			
Capacity		Availa	able				Suppl		
4,007.318 MT		1,911	I.418 MT		8,341.507 MT		610.0	MT	
Today		Today					Today		
				Oxygen Availabilit	y - Districtwise				
					a second a second second				
				Nashik- D	ivision				
Ahmednagar		Dhule		Nashik- D Jalgaon	ivision	Nandurbar		Nashik	
Ahmednagar Capacity	701.138 MT	Dhule	169.184 MT	Nashik- D Jalgaon Capacity	ivision 140.401 MT	Nandurbar Capacity	17.211 MT	Nashik Capacity	563.301 N
Ahmednagar Capacity Available	701.138 MT 276.292 MT	Dhule Capacity Available	169.184 MT 113.22 MT	Nashik- D Jalgaon Capacity Available	ivision 140.401 MT 43.204 MT	Nandurbar Capacity Available	17.211 MT 4.118 MT	Nashik Capacity Available	563.301 N 262.212 N
Ahmednagar Capacity Available Normative Requirement	701.138 MT 276.292 MT 5,154.465 MT	Dhule Capacity Available Normative Requirem	169.184 MT 113.22 MT nent 296.372 MT	Nashik- D Jalgaon Capacity Available Normative Requirement	140.401 MT 43.204 MT 348.659 MT	Nandurbar Capacity Available Normative Requirement	17.211 MT 4.118 MT 202.469 MT	Nashik Capacity Available Normative Requirement	563.301 M 262.212 M 129.305 M
Ahmednagar Capacity Available Normative Requirement Supply	701.138 MT 276.292 MT 5,154.465 MT 7.0 MT	Dhule Capacity Available Normative Requirem Supply	169.184 MT 113.22 MT nent 296.372 MT 104.0 MT	Nashik- D Jalgaon Capacity Available Normative Requirement Supply	140.401 MT 43.204 MT 348.659 MT 14.0 MT	Nandurbar Capacity Available Normative Requirement Supply	17.211 MT 4.118 MT 202.469 MT 0.0 MT	Nashik Capacity Available Normative Requirement Supply	563.301 M 262.212 M 129.305 M 0.0 M

2.2.1 DISTRICT-WISE OXYGEN AVAILABILITY

By clicking on any district, the user will see the below screen where it shows the district wise hospital and supplier list.

					Ahme	dnagar					
Capacity	A	vailable				Normative Requirement		Supply			
701.138 MT	2	76.292 MT				5,154.465 MT		7.0 MT			
Foday	Too	lay				Today		Today			
ospitals				Colu	mns Shown	Suppliers					Columns Shown
Name =	Category Type 📻	Hospital TypeName	Contact No.	Capacity	Available	Name =	Supplier Type 📻	Contact No.	Capacity	Available	Supply
Booth Hospital	PRIVATE	DCHC	9822831840	104.62 MT	61.51 MT	ABCD	REFILLER	9876543567	60.65 MT	28.49 MT	0 MT
AIIMS Hospital	PRIVATE	DCH	996791 <mark>0766</mark>	72.5 <mark>4</mark> MT	60.77 MT	Lochanabai Industries Pvt	REFILLER	20	0 MT	0 MT	0 MT
MH	CENTRAL	DCH	9967910766	10 MT	20 MT	SHRADDHA AIR PRODUCTS	REFILLER	5678908765	21.14 MT	9.57 MT	0 MT
DISTRICT HOSPITAL	GOVT	DCH	-	1.22 MT	1.06 MT	Balaji Air Product	REFILLER	-	0 MT	0 MT	0 MT
Dr.Bhandkoli Hospital	PRIVATE	DCHC	-	0 MT	0 MT	Hi Tech Air Products	REFILLER	-	0 MT	0 MT	0 MT
Malpani Hospital	PRIVATE	DCHC	-	0 MT	0 MT	Munot Ind,Gases	REFILLER	-	0 MT	0 MT	0 MT
Omkar Hospital	PRIVATE	DCHC	-	0 MT	0 MT	DEFGH Supplier	REFILLER	8793455210	0 MT	0 MT	0 MT

2.3 OXYGEN RESOURCES

The 'Oxygen Resources' tab will show the various types of oxygen resources available for the state. This consists of the following oxygen resources.

- I. PSA Plan
- II. LMO Storage
- III. Dura Cylinders
- IV. Cylinder (D- Type 6 M3)
- V. Cylinder (B- Type 1.5 M3)

- VI. Cylinder (A- Type 0.7 M3)
- VII. Cylinder (C- Type 2 M3)
- VIII. Cylinder (B- Type 3.5 M3)
 - IX. Cylinder (C- Type 4.5 M3)
 - X. Cylinder (D- Type 7 M3)

ne > Resources > Oxygen Resources				
		Oxygen Resource Availability - Maha	rashtra State	
SA Plant	LMO Storage	Dura Cylinders	Cylinder (D- Type 6 M3)	Cylinder (B- Type 1.5 M3)
vailable		Available	Available	
100.0%	100.0%	100.0%	100 M	100.0%
day	Today	Today	Today	Today
ylinder (A- Type 0.7 M3)	Cylinder (C- Type 2 M3)	Cylinder (C- Type 3.5 M3)	Cylinder (C- Type 4.5 M3)	Cylinder (D- Type 7 M3)
vailable	Available	Available	Available	Available
48.01 LT	639.84 LT	232.8 LT	4,305.05 LT	5,692.52 LT
100.0%	100.0%	100.0%	100.0%	Today

2.3.1 DIVISION AND DISTRICT-WISE OXYGEN RESOURCES

The tab will show division and district-wise details of available oxygen resources.

			Ox	ygen Resource Availabi	lity - Districtw	vise			
				Nashik- Divis	ion				
Ahmednagar	Available	Dhule	Available	Jalgaon	Available	Nandurbar	Available	Nashik	Availabl
PSA Plant	143.0 MT	PSA Plant	39.0 MT	PSA Plant	5.0 MT	PSA Plant	2.0 MT	PSA Plant	161.0 N
LMO Storage	196.0 MT	LMO Storage	74.0 MT	LMO Storage	38.0 MT	LMO Storage	2.0 MT	LMO Storage	94.0 N
Dura Cylinders	11,908.5 LT	Dura Cylinders	0.0 LT	Dura Cylinders	0.0 LT	Dura Cylinders	0.0 LT	Dura Cylinders	5,043.6
Cylinder (D- Type 6 M3)	1,500.62 LT	Cylinder (D- Type 6 M3)	1,105.72 LT	Cylinder (D- Type 6 M3)	0.0 LT	Cylinder (D- Type 6 M3)	394.9 LT	Cylinder (D- Type 6 M3)	1,658.58
Cylinder (B- Type 1.5 M3)	132.6 LT	Cylinder (B- Type 1.5 M3)	20.4 LT	Cylinder (B- Type 1.5 M3)	1,040.4 LT	Cylinder (B- Type 1.5 M3)	112.2 LT	Cylinder (B- Type 1.5 M3)	173.4
Cylinder (A- Type 0.7 M3)	396.95 LT	Cylinder (A- Type 0.7 M3)	0.0 LT	Cylinder (A- Type 0.7 M3)	28.02 LT	Cylinder (A- Type 0.7 M3)	32.69 LT	Cylinder (A- Type 0.7 M3)	56.04
Cylinder (C- Type 2 M3)	66.65 LT	Cylinder (C- Type 2 M3)	0.0 LT	Cylinder (C- Type 2 M3)	0.0 LT	Cylinder (C- Type 2 M3)	66.65 LT	Cylinder (C- Type 2 M3)	133.3
Cylinder (C- Type 3.5 M3)	0.0 LT	Cylinder (C- Type 3.5 M3)	0.0 LT	Cylinder (C- Type 3.5 M3)	0.0 LT	Cylinder (C- Type 3.5 M3)	0.0 LT	Cylinder (C- Type 3.5 M3)	0.0
Cylinder (C- Type 4.5 M3)	1,632.95 LT	Cylinder (C- Type 4.5 M3)	0.0 LT	Cylinder (C- Type 4.5 M3)	0.0 LT	Cylinder (C- Type 4.5 M3)	0.0 LT	Cylinder (C- Type 4.5 M3)	1,187.6
Cylinder (D- Type 7 M3)	466.6 LT	Cylinder (D- Type 7 M3)	0.0 LT	Cylinder (D- Type 7 M3)	0.0 LT	Cylinder (D- Type 7 M3)	0.0 LT	Cylinder (D- Type 7 M3)	4,619.34
		District level info	\rightarrow		\rightarrow		\rightarrow		

2.4 OXYGEN CONCENTRATORS

The tab will show division, district, and oxygen concentrator type-wise details of available oxygen concentrators.

	s								
			Oxygen Conce	ntrators Resource Avail	ability – Mah	arashtra State			
2 Concentrators 10 LPM			O2 Concentra	ators 5 LPM		02			
vailable			Available			Ava			
91			117			19	4		
dau	100.0%		Today	100.0%				100.0%	
			Oxygen Co	ncentrators Resource A	vailability - D	istrictwise			
			Oxygen Co	ncentrators Resource A Nashik- Divisi	vailability - D on	istrictwise			
Ahmednagar	Available	Dhule	Oxygen Co Available	ncentrators Resource A Nashik- Divisi Jalgaon	vailability - D on Available	istrictwise Nandurbar	Available	Nashik	Avail
Ahmednagar 12 Concentrators 10 LPM	Available 33	Dhule 02 Concentrators 10 LPM	Oxygen Co Available	ncentrators Resource A Nashik- Divisi Jalgaon 02 Concentrators 10 LPM	vailability - D on Available 0	istrictwise Nandurbar 02 Concentrators 10 LPI	Available M O	Nashik 02 Concentrators 10 LPM	Avai
Ahmednagar 12 Concentrators 10 LPM 12 Concentrators 5 LPM	Available 33 42	Dhule 02 Concentrators 10 LPM 02 Concentrators 5 LPM	Oxygen Co Available 0 5	Nashik- Divisi Jalgaon 02 Concentrators 10 LPM 02 Concentrators 5 LPM	vailability - D on Available 0 0	Istrictwise Nandurbar 02 Concentrators 10 LPI 02 Concentrators 5 LPM	Available M O	Nashik O2 Concentrators 10 LPM O2 Concentrators 5 LPM	Avai
Ahmednagar 12 Concentrators 10 LPM 12 Concentrators 5 LPM 12 Concentrators 7 LPM	Available 33 42 90	Dhule 02 Concentrators 10 LPM 02 Concentrators 5 LPM 02 Concentrators 7 LPM	Oxygen Co Available 0 5 0	Nashik- Divisi Nashik- Divisi Jalgaon 02 Concentrators 10 LPM 02 Concentrators 5 LPM 02 Concentrators 7 LPM	vailability - D on Available 0 0 0 0	istrictwise Nandurbar 02 Concentrators 10 LPI 02 Concentrators 5 LPM 02 Concentrators 7 LPM	Available M 0 0 0	Nashik 02 Concentrators 10 LPM 02 Concentrators 5 LPM 02 Concentrators 7 LPM	Avai

2.5 MEDICINE RESOURCE AVAILABILITY

The tab will show division and district-wise details of available medicine resources.

e 7 Resources 7 Medicines Acadabi	W								
			Medicin	e Resource Availability	- Maharasht	ra State			
emedesivier injection		Tocilizumab				tolizumob		Amphotericin B	
282		241				464		2340	
- 190	_			• ×××	-	See Star			-
			Mec	ficine Resource Availat	oility - Districty	wise			
Ahmednagar	Analization	Dhule	Mec	licine Resource Availat Neshik- Divis	ility - Districto	Nandurbar	Augusta	Nashik	Analization
Ahmednagar amedesiviar Injection	Availates	Dhule Renadative Eactor	Mec	Nashik - Divis	ollity - Districto	Nandurbar Remediativite Vigotian	Assiste	Nashik Remodesiver legertion	Assiliation
Ahmednagar amadesiviar Injection ocilizarials	Analiston 94 16	Dhule Banadesivier Injection Tocilizarnab	Mec Anstains 0 0	Ilicine Resource Availat Nashik - Divis Jalgson Itemstesive Injection Tocilizensi	ility - Districto	Nandurbar Remediesheie Hypotian Tocilitamab	Assisted	Nashik Remedesivier lejection Tocilizereali	Analiable
Ahmednagar medesiver injection colizumate origizumate	Availates 16 64	Dhule Banadesivier Injection Tocilitamab Favgioavie	Mec Available 0 0 100	Incine Resource Availat Nashik - Divis Jalgson Rendssive Injection Toolizensk Pergiewir	ollity - Districto don Acatates 0 40 0 0	Nandurbar Remedeshiel kycoten Tocilitarwab Ferdjeravir	Assiste	Nashik Remedesiver Aperton Tocilizensi Paviperwe	Anatlahis
Ahmednagar medisiver vjection olizunab vipravo stzunab	Autilia 94 16 44 42	Dhule Bandesivier Injection Tocilizanab Faripinnin Rolzumab	Mec Assistim 0 100 300	Incine Resource Availab Nashik- Divis Jalgaon Remotestive Injection Toolitzemak Fergiewir Italizemak	lion Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austannne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austanne Austannne Austannne Austannne Austannne Austanne Austannne Austanne A	Nandurbar Remedesivise logecton Tocilismus Feripiravit Holizumab	Assistin 6 6 0 0 0	Nashik Remodesiver legection Toolitzenab Fergerwe hultzenab	Angliates
Ahmednagar amedesivier tyection ocilizarivati avgiravit alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivati alizarivat	Austatos 94 95 48 42 69	Dhule Bandesivier Injection Tocilizanab Fanjoevie Rolzanab Amphotenion B	Mec Anstains 0 100 300 100	Incine Resource Availab Nashik- Divis Jalgaon Benedesiver Igenton Toofinamak Fevgerevis Isalaxumak Angkotenian B	Nility - Districts	wise Nandurbar Romolesiviar legeton Toolisumab Faripiravi Rolisumab Angelotenion B	Asabatin 6 6 0 0 0	Nashik Remodesiver loperton Toofizumab Feripervie Holizumab Amphotencin B	Angliable

3. STATE BED AVAILABILITY

Bed availability of the state is view-only for the public, will be accessed without login into the system.



3.1 DIVISION AND DISTRICT-WISE BED AVAILABILITY

						Pune-I	Division						
Kolhapur	Realiable/Tot	al Ball	Pune		and/articles and	Sangli	Readably Tel	Satara		Available Total Bad	Solap	pur	Available Time (Red
isolation	527	1/5274	Isolution		7154/7161	location	11320/	1320 Isolation		5046/5048	Isolatio	ń	7393/739
Oxygen	3	6/216	Ckygen		1168/1173	Oxygen	1279	1279 Oxygen		597/597	Oxygen	0	668,66
cu		80/80	HOU .		576/575	ICU .	42	1428 XCU		379/379	100		306/30
ICU Ventilator		50/50	ICU Ventilator		156/199	ICU Ventilator		ICU Vertil	ator	139/139	ICU Ver	itilator	97,9
						Amaval	- Division						
Akola	Available/Tot	at the l	Amravati	Å	ALCONT OF SHE	Buldhana	Available Tax	we Washin	n	Available/Tata/Bed	Yava	Imal	Available/Tatal Bell
Isolation	241	/2432	Isolation		3591/3596	lookation	3410	3410 Isolation		1101/1185	Instatio	6	3411/341
Oxygen	2	6/276	Oxygen		272/297	Organ	25	V267 Oxygen		485/485	Oxygen		292/25
icu		14/54	ICU .		110/114	1CU	25	5/255 KOU		55/55	101		20/2
CU Vertillator		40/48	ICU Ventilator		47/50	ICU Ventilator		9:39 ICU Verbi	ator	19/79	10U Ver	nilator	20/2
Disbict level info		+	District level info	a (+	Denist level info		-) Dania le	vel into	+	Detrict	level into	19
						Nagpur-	Division						
Bhandara	diversities/Solid Bed	Chand	rapor	Postation Total Brid	Gadchiroli	Available/Tatal Bed	Gondia	Available/Tota	Nagpur	Available	Unit Bed	Wardha	Available/Total Bed
laolation	1084/1084	Inolation	1	1961/1963	Isolation	2135/2135	Induition	1662	1662 Isolation	2298	0/22980	laolation	3213/321
	53/53	Oxygen		261/266	Oxygen	463/463	Oxygen	23	3/233 Oxygen	20	29/3129	Corges Window	^{VS} 385/99
Oxygen				44.04	1001	25/25	101		43/43 KCU	12	minan	Not sugar to act	vale Wrido Sila
Dwygen CU	25/25	KOU .		36097	100								

By clicking on the district tab, the user will get the list of all hospitals for the particular district along with the availability of all types of beds in the district.

			Ahme	ednagar Bed Availabi	lity					
solation wailable	Total Bed	Oxygen Available	Total Bed	ICU Available		li A	CU Ventilat vailable		Total Bed	
5836	6366	394	747	257	512	1	28		233	
oday	91.7%	52.7% Today		Today	50.2%		odiny	97.	9%	
27077520121 2 1075575										
Search Rese Back	Category	Sub Category	 Hospital Type 	e - Ahn	nednagar x - Municip	al Corporation	- OR	Taluka		- Columns Show
Search Rese Back Hospitel Name =	Category tt	v Sub Category	✓ Hospital Type Sub Category ₹	e Ahr Hospital Type =	Municipal Corporation	Contact No.	- OR	Taluka Oxygen	icu	Columns Show ICU Ventilator
Back Hospital Name = aarchi hospital	Category	 ▼ Sub Category Category ₹[*] GOVT 	Hospital Type Sub Category = CHARGEABLE	e Ahr Hospital Type = DCHC	Municipal Corporation	Contact No. 9225500111	OR	Oxygen 0/0	icu 0/0	Columns Show ICU Ventilator 0/0
Search Res Back Hospital Name F aarchi hospital Aarchi Joint replacer	Category tt nent center	Cetegory F GOVT PRIVATE	Hospital Type Sub Category CHARGEABLE CHARGEABLE	e Ahr Hospital Type F	Municipal Corporation Nagpur Municipal Corporation Nagpur Municipal Corporation	Contact No. 9225500111 1234567899	- OR -	Oxygen 0/0 0/0	icu 0/0	Columns Show ICU Ventilator 0/0 0/0
Search Rese Back Hospital Name F aarchi hospital Aarchi Joint replacer Aarchi shitole multis	Category It nent center peciality	Sub Category Sub Category F GOVT PRIVATE PRIVATE	Hospital Type Sub Category CHARGEABLE CHARGEABLE CHARGEABLE	e Ahr Hospital Type F DCHC DCHC DCH	Municipal Corporation Nagpur Municipal Corporation Pune Municipal Corporation Pune Municipal Corporation	al Corporation Contact No. 9225500111 1234567899 9225503333	- OR -	0xygen 0/0 0/0 0/0	1 ICU 0/0 0/0 0/0	Columns Shov ICU Ventilator 0/0 0/0 0/0

3.2 HOSPITAL SEARCH

The user can search for a particular hospital or a group of hospitals based on various filters like Hospital Name, Category, Sub-Category, Hospital Type, District, Municipal Corporation, or Taluka.

			Ahmed	nagar Bed Availability					
solation _{vailable}	Total Bed	Oxygen Available	Total Bed	ICU Available		II A	CU Ventilator	r Tot	al Bed
0	50	1	3	3		1	7	21	
80.0% day		33.3% Today		42.9%			oday	81.0%	-
Search Reset	Category	Sub Category		Ahmednagar	Municipal C × - Pune Mu	orporation	i× - OR Tal	luka	-
Search Reset	Category	Sub Category	✓ Hospital Type	obinot ✓ Ahmednagar	Municipal C x ♥ Pune Mu	orporation	i x 👻 OR Tal	luka	Columns SI
Search Reset Back Houpital Name =	Category Category =	Sub Category	✓ Hospital Type Hospital Type =:		Manager G × - Pune Mu Contact No.	xporation nicipal Corporati	i× • OR <u>Tal</u> Oxygen	luka ICU	Columns SI ICU Ventilator
Search Reset Back Sospital Name Tack Sospital Name Sospital Name	Category Category F PRIVATE	Sub Category Sub Category F CHARGEABLE	Hospital Type Hospital Type F DCH	Ahmednagar Ahmednagar Municipal Corporation Pune Municipal Corporation	Manipar G × ~ Pune Mu Contact No. 9225503333	xporation inicipal Corporation	0xygen 0/0	luka ICU 0/0	Columns SI ICU Ventilator 0/0
Seerch Reset Back Hospital Name	Category Category F Category F PRIVATE PRIVATE	Sub Category Sub Category Sub Category CHARGEABLE FREE	Hospital Type Hospital Type F DCH DCHC	Municipal Corporation Pune Municipal Corporation Pune Municipal Corporation	Maneper G × ~ Pune Mu Contact No. 9225503333 9822831840	Apportion hiclpal Corporation leolation 0/0 40/50	0xygen 0/0 1/3	luka Icu 0/0 3/7	Columns SI ICU Ventilator 0/0 17/21

4. LOGIN PAGE

The user will log in through the web portal with provided user credentials and authenticate it through OTP sent on the registered mobile number.

We	elcome Back!	
Jsername *		
dist_ahm_admi	n1	
Password *		
	Login	
n't hours on oor	ount? Rod Dashboar	().

	Welcom	e Back!	
Mobile No			
*****0760			
One Time P	assword *		
Please enter			
Remembe	er Me		
	Log	gin	

5. DIVISION AND DISTRICT ADMIN

The district and division admin user can add/update/delete the hospital and supplier information for their mapped districts/divisions.

Bed Dashboard	Oxygen Availability	urces 👻 🖪 Supplier 👻	Hospital				2 <mark>.</mark>
			State	Bed Availability			
Isolation Available	Total Bed	Oxygen Available	Total Bed	ICU Available		ICU Ventilator Available	Total Bed
195254	196045	23191	23704	7581	7997	3223	3290
odey	99.60%	Today	97.84%	Today	94.80%	Today	97.96%

Once logged with the web portal as 'District/Division Admin', the user will have access to the information bucketed into five categories with division-wise bifurcation i.e., Bed Dashboard, Oxygen Availability, Resources, Supplier, and Hospital. Also, with access to add, update or delete the hospital and supplier information about the district/ division.

Bed Dashboard	Oxygen Availability	ources 👻 📑 Supplier 🔻	Hospital				
			State	Bed Availability			
Isolation Available	Total Bed	Oxygen Available	Total Bed	ICU Available		ICU Ventilator Available	Total Bed
195254	196045	23191	23704	7581	7997	3223	3290
C	99.60%	Today	97.84%		94.80%	Today	97.96%

5.1 ADD, UPDATE, AND DELETE HOSPITALS

To add, update and delete hospitals, the user is required to click on the 'Hospital' tab on the top menu. The 'Hospital' tab will have a dropdown menu as 'Hospital List', by clicking on hospital list, information related to the hospital will be displayed.

gital Name	Califying	 Sub-Deleging 	 Pospital Type 	Detroit	 Manopal Deparation 	OR Tables	· ·

District/Division Admin users can add new hospitals by clicking on the 'Add Hospital' button.

Dea Dasidodia	Oxygen Availability	Resources 🕶	🖶 Supplier 🔻	Hospital •							
ospital Name	Category	8	 Sub Category 	3	Hospital Type	- District	- Munic	ipal Corporation	- OR	Taluka	*
Search Reset											
Search Reset	ack										Columns Shown

On clicking of 'Add Hospital' button, the user will be able to add new hospitals for their districts. The user to fill all mandatory detail marked with an asterisk (*). Once all the details are filled in properly, the user will click on the 'Save' button at the bottom of the screen.

Bed Dashboard 🚦 Oxygen Availability 📑 Resources 🛩 🗃	Suppler - 👩 Hospital -			
dit Hospital				
		Category		
C Hospital		Finale		
Canagóry .		Hospital Type *		
140 he *		Dester Court in Haspital		
		- 10		
i Somai com		Reparation No.* 12245		
nute 00.40		Longrade 74 7480		
ddress				
emadnagar		Address 2		
53		Pri Code **		
		Records		
sharashtra		- Ahmednagar		
gar		 Ahmadnagar (M Corp.) 		
ninisis Presidenti na '				
rangabad Municipal Corporation		12 I.		
				No.
				Link Supil
Supler	Supplier Type		Operation	
- bapter	Supplier Type	No second for and	Operation	

Once details are saved successfully, the hospital will be added to the hospital list of the particular district.

and second 10 online wanted 10 on	escurces • 🖷 Suppler • 🖸 In	upital +									
ospital harve Canegory	 Bub Category 	+ Hosp	nal Type	+ Ahmednegar	Maricipal Corp	oradion	+ OR	Taluka			
hearth Reset											
Add Huspital										Column	is Sher
Institut Name IP	Campoy P	$\operatorname{Sub-Category} \mathcal{P}$	$\operatorname{transition} \operatorname{Type} \ \mathcal{P}^*$	Manipal Dependent	Catled No.	header.	Depre	100	KV/ restinger	Operation	
aisti hispital	90V7	CHURGEARLE	DOHC	Nagsur Municipal Corporation	9225500111	0.0	0,0	00	0.0	1	
andri Joint malacement center	PROVIDE	CHARGEABLE	DOHC	Nagour Municipal Corporation	1234567499	0/0	0/0	80	0.0	1	
archi shikole multispeciality	PRIVATE	CHARGEABLE	DCH.	Punt Municipal Corporation	9025503333	6/0	0.0	89	6.0	1	
AC Hospital	PRIVATE	THEE	DCH	Alveethagar Municipal Corporation	9308776655	25/25	10/10	10/10	20/20	1	
dC Testing	90V7	1966	0011	Ahmednagar Municipal Corporation	8756346221	0/0	0/0	6/0	99	1	
unturg Hospital	PRIVATE	THEE .	DCH	Annedhagar Municipal Corporation	9967910766	23/24	22/24	17/20	12/98	1	

The user can edit/delete existing hospitals by clicking on the tabs given in the operations column (as highlighted above).

6. HOSPITAL

The user will log in with the provided login credentials and authenticate with a registered mobile number through an OTP. Once logged the user will be able to see the below screen.

Goverment of Maharashtra Public Health Department		🥲 🕄 😨 🕧 Subhash Gaik
My Hospital		Bed Management Medicine/02 Management Receive Stock Back
Booth Hospital	Pune Pune ,Ahmednagar,Nagar, Ahmednagar, Mahar	ashtra : 456787 ^
PAutoZone Auto Parts	Category : Private	Nodal Officer :
Sonic Drive-In Arby's	Sub Category : Free	Nodal Officer : 📞
Ane Mae's Coffee	22 Longitude/Latitude : /	Hospital Phone : 📞 9822831840
Taco Bell V z Vinited States		Hospital Email: 🎽 radhahospital@pune.com.com
Gobgifery's Barbecue Pit	Map data 62021	
31.507 MT	9.0 MT	
ailable Stock	Supply	

6.1 UPDATE BED OCCUPANY

The user will update the bed occupancy by clicking on 'Bed Management' and then 'Update Bed Availability'. The user will select bed type and fill in the information for each bed type.

Govern	ment of Maharashtra ealth Department				🛞 a	🛐 🕧 Subhash Galk
🛚 Bed Dashboard 🛛 🖸 Ho	ospital 👻					
ne						
Booth Hospital		Pune Pune ,Ahmedna	gar,Nagar, Ahmednagar, Maha	rashtra : 456787		^
		Category	Private		Nodal Officer :	
		Sub Categ	ory : Free		Nodal Officer : 📞	
		Longitude	/Latitude : /		Hospital Phone : 📞 9822831840	
					Hospital Email: 🎽 radhahospital@pune.com.com	
Update Bed Availability	Back					Columns Shown
Bed Type 📻	Occupied =	On Cylinder 📻	On LMO 📻	On Concentrators =	Last Modified 📻	Operation
CU Ventilator	4	3	1	0	Jul 19, 2021 01:01 PM	
cu	4	1	2	0	Jul 19, 2021 01:00 PM	
Dxygen	2	1	1	0	Jul 19, 2021 12:59 PM	
solation	10	0	D	0	Jul 19, 2021 12:59 PM	
solation	10	0	o	0	Jul 19, 2021 12:59 PM	
CU Ventilator	5	3	2	0	Jun 30, 2021 12:20 PM	
ICU	5	3	2	0	Jun 30, 2021 12:19 PM	

E Goverme	ent of Maharashtra th Department					🥮 🗉	🛐 🕕 Subhash Gaikwad
🛤 Bed Dashboard 🖸 Hosp	ital 👻						
Home							
Booth Hospital		Pune Pune ,Ahn	nednadar.Nadar. Ahmednadar. Mah	narashtra : 456787			~
		Ca	Update Bed Available			Nodal Officer :	
		Su	Bed Type *		•	Nodal Officer : 📞	
		Lo	Total Bed Capacity 0			Hospital Phone : 📞 9822831840	
			Patient on 02 Cylinder 0			Hospital Email: 📓 radhahospital@pune.com.com	
Update Bed Availability	Back		Patient on GS02 LM0				Columns Shown
Bed Type 🚍	Occupied =	On Cylinder 🚍	Total Occupied Beds *			Last Modified 🖃	Operation
ICU Ventilator	4	3				Jul 19, 2021 01:01 PM	
ICU	4	1	Cancel			Jul 19, 2021 01:00 PM	
Oxygen	2	1		121	_	Jul 19, 2021 12:59 PM	
Isolation	10	0	0	0		Jul 19, 2021 12:59 PM	
Isolation	10	0	0	0		Jul 19, 2021 12:59 PM	
ICU Ventilator	5	3	2	0		Jun 30, 2021 12:20 PM	
ICU	5	3	2	0		Jun 30, 2021 12:19 PM	

6.2 ADD OXYGEN AND MEDICINE INVENTORY

Hospital to add a new oxygen/medicine inventory type, the user shall click on the 'Medicine/O2' button.

Bed Dashboard 🖸 Hospital 👻			
			Bed Management Medicine/02 Receive Stock Back
Booth Hospital	Pune Pune ,Ah	mednagar,Nagar, Ahmednagar, Maharashtra : 456787	
🛦 Map erro	r: g.co/statiomaperror Ca	stegory : Private	Nodal Officer :
	Su	b Category : Free	Nodal Officer : 📞
	Lo	ngitude/Latitude : 20° 23' 46"N / 20° 23' 46"N	Hospital Phone : 📞 9822831840
			Hospital Email: 😭 radhahospital@pune.com.com
Google	Map data @2021		
50.507 MT	0.0 MT		
	and the second se		

By clicking on the 'Medicine/O2' button, the user redirects to the below screen, where the user shall click on the 'Add O2/Medicine' button.

Goverment of Maha Public Health Department	arashtra t			(🕑 🚦 🔄 🕧 Subhash Gaikw		
Hospital Inventory							
Booth Hospital		Pune Pune ,Ahmednagar	Nagar, Ahmednagar, Maharashtra : 456787		^		
		Category : Private		Nodal Officer :	Nodal Officer :		
		Sub Category : Free		Nodal Officer : 📞	Nodal Officer : 📞		
		Longitude/La	titude : 20° 23' 46"N / 20° 23' 46"N	Hospital Phone : 📞 9822831840			
				Hospital Email: 🍟 radhahospital@pune.co	m.com		
Add 02 or Medicine Back					Columns Shown		
Name 📻	Capcity =	Stock =	Last Modified =	Operation			
Cylinder (B- Type 1.5 M3)	34	10	1 month ago	亘Update Stock			
Remedesivier Injection	0	0	2 days ago	Update Stock			

By clicking on the 'Add O2/Medicine' button, the user will be able to add inventory type, stock and capacity.

ock * D	
0	
apacity *	
4	

6.3 UPDATE OXYGEN INVENTROY

The user to update the stock of Oxygen PSA Plant, Oxygen Concentrators, LMO Storage, and Gaseous Oxygen Cylinders. Under the 'Oxygen' tab, the user needs to click on the 'Update Stock' button (as highlighted below).

ed Dashboard 🖸 Hospital 👻				
0.507 MT	0.0 MT			
vallable Stock	Supply			
Oxygen Bed Availbilty S	tatus Medicine Linked Supplier	Hospital Audit Details		
xygen Generation				
Name =	Functional Capacity = Inst	alled Capacity 📻 Last Modified 🚍	Operation	

By clicking the 'Update Stock' button, the user will redirect to the below screen, where the 'Update Inventory' button can be used to update the oxygen inventory

Goverment of Maharashtra Public Health Department				🜖 🖸 📴 🕥 Subhash Gaikw
Bed Dashboard 💽 Hospital 👻				
re				
Jpdate Inventory Back				Columns Shown
late 🖅	Stock 🗐	Capcity =	Comment =	Operation
lul 19, 2021 12:55 PM	10	100	testing stock	

The user to add the number of stock and capacity, by clicking on 'Save'.

Stock *	
50	
Capcity *	
90	\$
Comment	
Comment	
Save Cancel	

6.4 UPDATE MEDICINE INVENTROY

For the user to update the medicine inventory, under the 'Medicine' tab, the user needs to click on the 'Update Stock' button (as highlighted below).

d Dashboard 🔹 Hospital 👻				
).507 MT	0.0 MT			
able Stock	Supply			
Oxygen Bed Availbilty State	us Medicine Linke	d Supplier Hospital Audit Details		
cine				
lame =	Stock =	Last Modified 🖛	Operation	
iame 📻	Stock =	Last Modified = 2 days ago	Operation	
ame 📻 emedesivier Injection ocilizumab	Stock = 0 1	Last Modified 🖛 2 days ago 2 days ago	Operation III Update Stock III Update Stock	
ame F emedesivier Injection ocilizumab avipiravir	Stock F 0 1 5	Last Modified 📰 2 days ago 2 days ago 2 days ago	Operation 프Update Stock 프Update Stock	
ame F emedesivier Injection collizumab avipiravit mphotericin B	Stock F* 0 1 5 50	Last Modified 🖛 2 days ago 2 days ago 2 days ago 1 month ago	Operation Image: Update Stock Image: Update Stock	

By clicking the 'Update Stock' button, the user will redirect to the below screen, where the 'Update Inventory' button can be used to update the medicine stock.

Goverment of Maharashtra			(🜖 🖸 🛐 🕧 Subhash Gaikwa
Bed Dashboard 💽 Hospital 👻				
1e				
Update Inventory Back				Columns Shown
Date 🗐	Stock 🖛	Capcity =	Comment =	Operation
Jul 19, 2021 12:55 PM	10	100	testing stock	
Jul 16, 2021 02:41 PM	25	25	testing stock	

The user to add the number of stock and capacity, by clicking on 'Save'.

50	
Capcity *	
90	\$
Commont	
Comment	
Save Cancel	

7. SUPPLIER

There are various types of suppliers, as mentioned below:

- I. LMO Manufacture
- II. Oxygen Re-filler
- III. Oxygen Distributor
- IV. Oxygen Consuming Industry
- V. Medicine Dealer

The above supplier can add/update/delete the oxygen or medicine inventory by login into the web portal.

With supplier login, it will show the supplier details with its oxygen capacity for various types. The user can add, update and delete the stock.

Soverment of Manarashira		😢 🕄 🔄 🕅 Swastic Air Products
Bed Dashboard Supplier -		~
My Supplier		Medicine/02 Trips Back
Shri Mahalaxmi Oxygen	"Kaneriwadi Gokul Shirgaon" "Shahuwadi, Kolhapur, Maharashtra : 0	^
<u>11 B</u>	Contact No : 📞	
e e e e e e e e e e e e e e e e e e e	Email Address : 🗹	
	Longitude/Latitude : /	
3.0 MT	20.364 MT	
ibibution	Available Stock	

7.1 ADD, UPDATE. DELETE INVENTORY

By clicking on the 'Medicine/O2' button, the user redirects to the below screen, where the user shall click on the 'Add O2/Medicine' button.

■ Goverment of Maharashtra Public Health Department ■ Bed Dashboard ■ Supplier ▼			(00	Swastic Air Products
Supplier Inventory ^{tome}					
Shri Mahalaxmi Oxygen	"Kaneriwadi Goku	ul Shirgaon" "Shahuwadi, Kolhapur, Maharashtra : 0			^
	Contact No : Email Addres Longitude/La	د. s : ۲			
Add O2 or Medicine Back					Columns Shown
Name 🖅 Capcity 🖅	Stock =	Last Modified 📻	Operation		
Cylinder (B- Type 1.5 M3) 10	10	1 month ago			
Cylinder (D- Type 6 M3) 100	40	2 weeks ago			
Cylinder (A: Type 0.7 M3) 40	40	2 weeks ago			
LMO Storage 30	20	4 days ago			

By clicking on the 'Add O2/Medicine' button, the user will be able to add inventory type, stock, and capacity.

gan an anna an 1818 an 1819 an	· ·
Stock *	
20	
Capacity *	
50	

dd MANUFACTURER				Columns Shown
Name F	Contact No.	Email	District	Operation
DEFGH	8977324458	defgh@gmail.com	Akola	× •
M/s. SUNNY INDUSTRIALSALES PRIVATE LIMITED			Nashik	× •
Akshay Oxygen and IndustrialGases Pvt Ltd	-	-	Nashik	× •
Ravindra Oxygen Co Pvt Ltd			Nashik	× •
Swastic Air Products	9822831840	-	Nashik	× •
Rukmini Metals and Gases gases Pvt Ltd.	**		Aurangabad	× •
Sagar Gases Pvt Ltd	-		Aurangabad	× •
R.L.STEELS OPERATED BY SAGAR GASES	-		Aurangabad	× •
M.S.Oxigen Pvt.Ltd.			Jalgaon	× •
ssem Gases Pvt.Ltd.	7878898789	ssem@gmail.com	Hingoli	Z

8. OXYGEN TRACKING MODULE

To maintain and track oxygen supply at various locations, an independent supply tracking module is integrated with the web portal of CCMH. It mainly consisting of two entities:

SUPPLIER

(manufacture, refiller and distributor) sends the stock





RECEIVER

(re-filler distributors, hospital and Oxygen Consuming Industries)

8.1 TRIP MANAGEMENT

The module is designed to track the oxygen supply from suppliers to various stakeholders (receiver) such as re-filler distributors, hospitals, and Oxygen Consuming Industries, and a similar module will be available for the receiver as well.

8.2 SUPPLIER

There are different types of suppliers, below are the suppliers:

- 1. LMO Manufactures
- 2. Oxygen Re-fillers
- 3. Oxygen Distributors
- 4. Oxygen Consuming Industries
- 5. Medicine Dealer

The user (manufacture) will initiate the trip, by clicking the 'Trip' button.

Goverment of Maharashtra Public Health Department		😟 🕄 🔄 🕖 Swastic Air Produc
Bed Dashboard 📑 Supplier 👻		
My Supplier		Trips Back
Shri Mahalaxmi Oxygen	"Kaneriwadi Gokul Shirgaon" "Shahuwadi, Kolhapur, Maharashtra : 0	^
	Contact No : 📞	
	Email Address : 🗹	
QEI A I I I I I I I I I I I I I I I I I I	Longitude/Latitude : /	
20.0 MT	20.364 MT	
	Annalisation Network	

After clicking the 'Trip' button, in the next step user will click on 'Add Trip' to initiate the supply of oxygen.

Goverment of Public Health De Bed Dashboard	of Maharashtra partment						🛞 :: 🖻 🖉	Swastic Air Prod
pplier Trips ^{1e}								
Shri Mahalaxmi Oxyger	1	"Kane	riwadi Gokul Shirgaon" "Shal	huwadi, Kolhapur, I	Maharashtra : 0			3
		E	ontact No : 📞 mail Address : 🔤 ongitude/Latitude : /					
+ Add Trip Back								Columns Show
Tracking Number =	Supplier 📻	Stock =	Number Plate =	Status =	Created On =	Last Updated =	Operation	
	Shri Mahalaxmi Oxygen	20 MT	MH-40-N-4951 (11T)	TRANSIT	Jul 26, 2021 04:51 PM	1 day ago	+ Add Routes SCancel	
> 1627298464216								
> 1627298464216						10	ems per page: 10 💌 1 - 1 of 1	I< < >

The user will select the tanker, enter the stock to be sent and save the details for the next step.

Goverment o	f Maharashtra partment						😢 🛙 🛯	Swastic Air Products
🛤 Bed Dashboard 🛛 📑 Supplier 👻								
Supplier Trips								
Shri Mahalaxmi Oxygen	1	"Kane	riwadi Gokul Shirgaon" "Shah	uwadi, Kolhapur, M	aharashtra : 0			^
+ Add Trip Back		C E L	Add Trip Select Tanke * GJ-06-AT-4063 (15T) Enter stock for send * 30		×+.			Columns Shown
Tracking Number =	Supplier =	Stock =	Save			Last Updated ==	Operation	
> 1627298464216	Shri Mahalaxmi Oxygen	20 MT	MH-40-N-4951 (11T)	TRANSIT	Jul 26, 2021 04:51 PM	1 day ago	+ Add Routes 🛛 😵 Ca	incel
						Item	s per page: <u>10 ▼</u> 1 - 1 of 1	I< < > >I
Vishwaguru Infotech © 2021.								Powered by ICICI Bank
-								

After adding the trip, the next step will be to 'Add Routes', through this the user will add multiple routes. The user will select the receiver and stock sent.

	<u>8</u>			Contact No : 📞	9876543567		No. of Link	ed Facilities :	
	nh.			Email Address :	12345@gmail.com.com.c	om			
<u> YIELE</u>				Add Routes					
+ Add Tri	Back			Send stock to * Refiller		•			Columns Shown
Track	ding Number =	Supplier 📻	Stock 📻	Refiller * ABCD		× •	Updated 📻	Operation	
> 1625	5563764311	ABCD	100 MT	Stock Sent *		•	iys ago	+ Add Routes	
✓ 162:	5555248918	ABCD	22 MT	Save	cel		iys ago	+ Add Routes 🔺 Start	Cancel
Sent To	F	Sent To Name 루	Stock Sent 루					Last Updated 📻	Operation
REFILL	ER	ABCD	2 MT	-	OPEN	Jul 06, 2021	12:46 PM	2 days ago	O Cancel
REFILL	ER	ABCD	2 MT		OPEN	Jul 06, 2021	12:46 PM	2 days ago	⊗ Cancel
> 162	5548589470	ABCD	3 MT	MH-03-CV-4810 (8.7T)	TRANSIT Jul 06, 2	021 10:46 AM	2 days ago	+ Add Routes	

After adding routes, the user will be able to view the multiple routes added for the supply of oxygen (as highlighted below).

Public H	lealth Department						Q	9 0	G	Swastic .
d Dashboard 🛛 📑 S	upplier 👻									
ri Mahalaxmi C	Dxygen		"Kaneriwadi Gokul Sh	rgaon" "Shahuwadi, Ko	lhapur, Maharashtra : 0					
<u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>			Contact No : 📞							
			Email Address :	1						
.			Longitude/Latitude	:/						
										-
Add Trip Back										Columns S
Tracking Number 📻	Supplier =	Stock =	Number Plate =	Status 📻	Created On 🛒	Last Updated 📻	Operation			
1627389192910	Shri Mahalaxmi Oxygen	30 MT	GJ-06-AT-4063 (15	r) open	Jul 27, 2021 06:03 PM	5 minutes ago	+ Add Routes	Start	Cancel	
		St	ock Sent 📻	Stock Received 📻	Status 📻	Created Date =	Last Updated 📻		Operation	
Sent To 📻	Sent To Name =									
Sent To 📻	Sent To Name 🗲 Jadhav Gases +Pinnacle Industries	5	мт	18	OPEN	Jul 27, 2021 06:04 PM	4 minutes ago		(Can	cel
Sent To 📻 Refiller Industry	Sent To Name =" Jadhav Gases +Pinnacle Industries oxytech	5	MT MT	-	OPEN	Jul 27, 2021 06:04 PM Jul 27, 2021 06:05 PM	4 minutes ago 3 minutes ago		⊗ Can ⊗ Can	cel

8.3 RECEIVER

The receiver can be a re-filler, distributor, hospital, Oxygen Consuming Industries, etc. Once the stock is received, by clicking the 'Receive Stock' button in their log in the user will be able to view and confirm the stock received.

Bed Dashboard Bed Dashboard Hospital -		a
		Bed Management Medicine/O2 Receive Stock Back
Booth Hospital	Pune Pune ,Ahmednagar,Nagar, Ahmednagar, Maharashtra : 4567	787
AutoZone Auto Parts Westminister Pl	Category : Private	Nodal Officer :
Sonic Drive-In O Arby's	Sub Category : Free	Nodal Officer : 📞
Ane Mae's Coffee and Sandwich Shop - E Chestrud St	Longitude/Latitude : /	Hospital Phone : 📞 9822831840
United States Postal Service		Hospital Email: 🗳 radhahospital@pune.com.com
Gooddigey's Barbecue Pit 1		
31.507 MT 19	0 MT	
uaBabla Shad		

After clicking on 'Receive Stock', the user will be able to view the list of stock received or to be received from different suppliers.

	verment of Maharashtra lic Health Department						8	🖸 🔄 🕥 Subh	hash Gaik
🛤 Bed Dashboard	Hospital 🗸								
Supply Home									
Booth Hospital	ĵ.	Pune P	une ,Ahmednagar,Nag	ar, Ahmednagar, Maharashtr	a : 456787				^
			Category : Private			Nodal Officer :			
			Sub Category : Free	2		Nodal Officer : 📞			
			Longitude/Latitude	::/		Hospital Phone : 📞	9822831840		
						Hospital Email: 🎽	radhahospital@pune.com.co	m	
Back								Columns	s Shown
Tracking Number	Tanker Number	Supplier =	Stock Sent 🚍	Stock Received =	Status =	Created Date =	Last Updated 🚍	Operation	
1627389192910	GJ-06-AT-4063 (15T)	-	10 MT	=	TRANSIT	Jul 27, 2021 06:04 PM	6 minutes ago	Receive	
1626350830645	MH-04-FD-9273 (3.28T)	-	4 MT	-	TRANSIT	Jul 19, 2021 03:53 PM	1 day ago	Receive	
1627214014505	MH-40-CD-0751 (14T)	-	5 MT	-	TRANSIT	Jul 25, 2021 05:24 PM	2 days ago	Receive	
1626862556050	KA-01-AK-1453 (22T)	-	10 MT	-	OPEN	Jul 21, 2021 03:46 PM	6 days ago		
1626423432412	MH-04-HD-3369 (11.38T)	-	1 MT	1	RECEIVED	Jul 16, 2021 01:48 PM	1 week ago		

The user will acknowledge the received stock after clicking 'Receive' and save the information by submitting the quantity received.

Gov Publi	erment of Maharashtra c Health Department						۲	:: 🔄	D Subhash Gaiky
Bed Dashboard	Hospital 👻	_	-		_		_		-
Booth Hospital		Pune P	une ,Ahmednagar,Na	gar, Ahmednagar, Maharasht	ra : 456787				^
			Са			Nodal Officer :			
			Su Stock Sent			Nodal Officer : 📞			
			Lo 10			Hospital Phone : 📞	9822831840		
				red "		🗧 Hospital Email: 留 r	adhahospital@pune.com.co	m	
Back			Save	Cancel		_			Columns Shown
racking Number	Tanker Number	Supplier =	Stock Sent F	Stock Received =	Status 📻	Created Date =	Last Updated =	Operatio	n
627389192910	GJ-06-AT-4063 (15T)	Ť	10 MT	<u></u>	TRANSIT	Jul 27, 2021 06:04 PM	8 minutes ago	≪R	eceive
626350830645	MH-04-FD-9273 (3.28T)	÷	4 MT	-	TRANSIT	Jul 19, 2021 03:53 PM	1 day ago	≪ ^r R	eceive
627214014505	MH-40-CD-0751 (14T)	÷	5 MT	÷	TRANSIT	Jul 25, 2021 05:24 PM	2 days ago	≪ R	eceive

Note:

- 1. The supplier cannot select the tanker which is in transit.
- 2. The supplier can modify (add/cancel routes) the trip before the receiver receives and acknowledge the received stock.

9. HOSPITAL AUDIT

In this module, four types of audits namely as Oxygen Consumption Audit(Oxygen_Audit_Form_A), Electricity and Fire Safety Audit (Oxygen_Audit_Form_A), Civil Structural Audit , and Rate Regulation Audit only for private hospitals.

The auditor will do login with the provided login credentials and create the new audit for the required hospital by selecting the hospital name.

Reset									
		Add New Auc Hospital * Booth Hospital	lit			× •			Columns Sh
Hospital Name 📻	Audit Date 📻	Auditor Name * Tejaswini Pawar					Audit Status 📻	Operation	
AIIMS Hospital	23 Nov, 2021	Audit Date					AUDIT CREATED	Audit	Update Status
AIIMS Hospital	21 Nov, 2021	2021-11-23				Ē	AUDIT CREATED	Audit	Update Status
Siddhivinayak Hospital	21 Nov, 2021	Remark * Audit Started					AUDIT CREATED	Audit	Update Status
Siddhivinayak Hospital	21 Nov, 2021	Save	el				AUDIT CREATED	Audit	Update Status
Shamika Hospital	21 Nov, 2021		-				AUDIT CREATED	Audit	Update Status
AIIMS Hospital	18 Nov, 2021	CREATED	CREATED	10	0		AUDIT CREATED	Audit	Update Status
Zenith Hospital	19 Nov, 2021	INREVIEW	INREVIEW	0	0		AUDIT INREVIEW	Audit	Update Status
	Hospital Name F AIIMS Hospital AIIMS Hospital Siddhivinayak Hospital Siddhivinayak Hospital Shamika Hospital AIIMS Hospital Zenith Hospital	Hospital Name F Audit Date F AllMS Hospital 23 Nov, 2021 AllMS Hospital 21 Nov, 2021 Siddhivinayak Hospital 21 Nov, 2021 Siddhivinayak Hospital 21 Nov, 2021 Shamika Hospital 21 Nov, 2021 AllMS Hospital 21 Nov, 2021 Shamika Hospital 18 Nov, 2021 AllMS Hospital 18 Nov, 2021	Hospital Neme F Audit Date F Booth Hospital AllMS Hospital 23 Nov, 2021 Audit Name * AllMS Hospital 21 Nov, 2021 Audit Date Siddhivinayak Hospital 21 Nov, 2021 Renark * Siddhivinayak Hospital 21 Nov, 2021 Swn Shamika Hospital 21 Nov, 2021 Swn AllMS Hospital 21 Nov, 2021 CREATED Zenith Hospital 19 Nov, 2021 INREVIEW	Hospital * Booth Hospital Hospital Name F Audit Date F AllMS Hospital 23 Nov, 2021 AllMS Hospital 21 Nov, 2021 Siddhivinayak Hospital 21 Nov, 2021 Siddhivinayak Hospital 21 Nov, 2021 Siddhivinayak Hospital 21 Nov, 2021 Shamika Hospital 21 Nov, 2021 AllMS Hospital 18 Nov, 2021 CREATED CREATED Zenith Hospital 19 Nov, 2021	Hospital * Booth Hospital * Hospital Neme F Audit Date F AIIMS Hospital 23 Nov, 2021 AIIMS Hospital 21 Nov, 2021 Siddhivinayak Hospital 21 Nov, 2021 Siddhivinayak Hospital 21 Nov, 2021 Shamika Hospital 21 Nov, 2021 AIMS Hospital 21 Nov, 2021 Shamika Hospital 18 Nov, 2021 CREATED CREATED 19 Nov, 2021 INREVIEW	Hospital * Booth Hospital * Booth Hospital Auditor Name * Tejaswini Pawar AliMS Hospital 23 Nov, 2021 AliMS Hospital 21 Nov, 2021 Siddhivinaysk Hospital 21 Nov, 2021 Cencel CreateD IMMS Hospital 18 Nov, 2021 InREVIEW 0	Hospital Booth Hospital × • Hospital Name F Audit Date F Audit Name * Tejaswini Pawar · AliMS Hospital 23 Nov, 2021 · · AliMS Hospital 21 Nov, 2021 · · Siddhivinayak Hospital 21 Nov, 2021 · · Siddhivinayak Hospital 21 Nov, 2021 · · Siddhivinayak Hospital 21 Nov, 2021 · · Alims Hospital 21 Nov, 2021 · · Alims Hospital 18 Nov, 2021 · · Alims Hospital 18 Nov, 2021 · · Alims Hospital 19 Nov, 2021 INREVIEW INREVIEW 0	Hospital Soboth Hospital *** Image: Soboth Hospital *** Hospital Name F Audid Name * Tejaswini Pawar *** Audid Status F AliMS Hospital 23 Nov, 2021 Audid State *** AliMS Hospital 21 Nov, 2021 Audid State *** Siddhivinayak Hospital 21 Nov, 2021 *** *** Siddhivinayak Hospital 21 Nov, 2021 *** *** Siddhivinayak Hospital 21 Nov, 2021 *** *** Alims Hospital 21 Nov, 2021 *** *** Alims Hospital 21 Nov, 2021 *** *** Alims Hospital 18 Nov, 2021 Creaced *** Alims Hospital 18 Nov, 2021 CreateD 10 0 Alims Hospital 19 Nov, 2021 INREVIEW 0 0 Audit CreateD	Hospital Soch Hospital × • Midder Manne* × • Midder Manne* Midder Midder Manne* Midder Manne*

Once audit is created it will be comes in the audit list with the created status. Here Auditor is having two options 1. Audit and 2. Update status. By clicking on the Audit auditor will fill the required forms for the hospital like Oxygen Audit Form A, and by clicking on Updtae Status auditor can give the remark for the different types of forms filled in the audit procedure.

=	Audit Management Syste Public Health Department	m						۲	0	G	🕖 Sunny Salgar
Annexure A,B,C		🖶 Oxygen Audit Form A 👻	- Monitor Form 🔻	Rate Regulation Form 🔻	Form 1A 🔻	Form 1B 🔻	Form 1C 👻				
Form A List											
Home > Oxygen Audi	t Form A ≻ Form A List										
	_										
Add New Form A	Back										Columns Shown
Audit Id 📻	Hospital Name 루	Hospital Address 루	Hospital Type	F Hospital Co	intact 📻	Incharge Nan	ie F	Form Name 📻			Operation
				No records found							
Vishwaguru Infoted	h © 2021									Po	wered by ICICI B
, ionnagara intotet	and Lot 1.										relea by lotor b

Form those are filled by hospital user and are incomplete its status will be **INPROGRESS**. If hospital user fill the all form and do submit for the auditor review he wont be able to edit it again and form status will be **In Review**. Those forms are in review Auditor will verify that and mark the status. If auditor will find any deficiency auditor will mark it as well. For the deficiency Hospital user needs to verify and complete the form again and submit for the review to the auditor.

Form 1A- Summary of hospitals in a district and various audit status

Form 1B- Summary of daily consumption of oxygen in a district

Form 1C- Summary of the oxygen audit conducted in a district.

Audit Id =	Mosnital Nama =	Audit Date =	Auditor Name *	Audit Status	Oneration	
Audit to .	rivapital Hellie -	Audit Date -	Tejashwini Mane	Muur Stelus -	operation	
65	AIIMS Hospital	23 Nov, 2021	Audit Date	AUDIT CREATED	Audit	Update Status
64	AIIMS Hospital	21 Nov, 2021	202 (+1 (+10)	AUDIT CREATED	Audit	Update Status
63	Siddhivinayak Hospital	21 Nov, 2021	O	AUDIT CREATED	Audit	Update Status
52	Siddhivinayak Hospital	21 Nov, 2021	Number Of Deficiency completed *	AUDIT CREATED	Audit	Update Status
51	Shamika Hospital	21 Nov, 2021	Form S Status *	AUDIT CREATED	Audit	Update Status
0	AIIMS Hospital	18 Nov, 2021	Inprogress -	AUDIT CREATED	Audit	Update Status
j9	Zenith Hospital	19 Nov, 2021	Annexure ABC Status * Review	AUDIT INREVIEW	Audit	Update Status
8	Siddhivinayak Hospital	17 Nov, 2021	Rate Regulation Status * Inprogress	AUDIT COMPLETED	Audit	
7	AIIMS Hospital	16 Nov, 2021	Oxygen Monitoring Status *	AUDIT INPROGRESS	Audit	Update Status
6	Booth Hospital	16 Nov, 2021	Completed •	AUDIT INPROGRESS	Audit	Update Status
			Audit Status * Inprogress -	ms per page: 10 👻	1 - 10 of 27	I< < >
			Remark *			
upauru lafa	tooh @ 2021		Testing for permissions			Doworod by ICIC
			Save			

Once Audit is created Hospital user also able to see the Audit created and then he will fill the hospital realed audit form like Annexure ABC, Oxygen Audit Form S, Monitor Form and Rate regulation form by clicking on the Audit option.

spital Name	Audit Date *							
Search R	eset							
								Columns Sho
idit Id 루	Hospital Name 루	Audit Date 루	Annexure Status 📻	Form S Status 루	Deficiencies 루	Deficiencies Completed 📻	Audit Status 📻	Operation
3	Siddhivinayak Hospital	21 Nov, 2021	CREATED	CREATED	0	0	AUDIT CREATED	Audit
2	Siddhivinayak Hospital	21 Nov, 2021	CREATED	CREATED	0	0	AUDIT CREATED	Audit
3	Siddhivinayak Hospital	17 Nov, 2021	COMPLETED	COMPLETED	0	0	AUDIT COMPLETED	Audit
i	Siddhivinayak Hospital	16 Nov, 2021	COMPLETED	COMPLETED	4	2	AUDIT COMPLETED	Audit
i	Siddhivinayak Hospital	11 Nov, 2021	DEFECIENCIES	INPROGRESS	4	3	AUDIT INPROGRESS	Audit
1	Siddhivinayak Hospital	12 Nov, 2021	INREVIEW	INPROGRESS	9	1	AUDIT INPROGRESS	Audit
						Items per p	age:10 ▼ 1-6of6	K K X

Audit Manag	ement	System			3	::	GŢ	DR. TUSH
nexure A,B,C 👻 📑 Oxygen	Audit For	n S 👻 🖶 Oxygen Audit Form A 👻 📑 Monitor	Form 👻 📑 Rate Regulation Form 👻					
е								
	OFOTI							
(GOVT OF MAHARAS	SHTRA	JN/OXYGEN AUDIT FORM.						
Self Certification To Be Done E	ly Hospita	Management						
A. GENERAL INFORMATION	OF HOSP	TAL						
Name of Covid Hospital:		Name of Covid Hospital						
0								
Туре:		DCH						*
Name of Incharge Dr. of C	ovid	Name of Incharge *						
Hospital:		Dr. Tushar Chavan						
Hospital Address		Hospital Address * Shri Nagar, Pune, 411043	Telepho	ne No : Telephone No : * 6787678787				
Rode in Hoepital:	ormal Beds *		Patients on Oxygen:	Patient on Oxyden Cylinders.*				
Normal Rada:			Cylinders:	12				
Normal Beds: N	0							
Normal Beds: N	0	2011 124 :	Patient on Oxygen	Patient on Oxygen Piped Beds *				

10. PLANTS MANAGEMENT

In the plant mangement user is able to add the details of different oxygen plants types. Those are listed below:

- i. PSA iv. Cylinders Facilitiesii. LMO v. Cylinders Refillers
- iii. ASU

User is able to add, edit, update the different plants information.

relopin	SA Plants													😤 Home	📰 Plants 👻	🏓 Langua	ige 👻 💄	Account
S	AS															+	Create a ne	w PSA
ID	Hospital / Facility name \$	Address ≑	Pin Code ≑	Unique PSA ID \$	Plant capacity (LPM) \$	Plant Capacity In MT ≑	Status \$	Cancelled - Reason \$	Work order Issued ¢	Not Issued - Reason \$	Work order date \$	Vendor Name \$	Vendor Contact No ≑	lssued - Current Status ≑	Expected date of completion for O2 generation \$	CSR Source ≑	Total Amount in Lacs ¢	Distr Noda Offic Nam
9	AIIMS Hospital	State Highway 60, Tarakpur, Ahmednagar, Maharashtra	414001	PSA1601	20	1	Proposed		true		Jul 29, 2021, 12:00:00 AM	Ajit Nayar	8989787878	work is scheduled and plans are designed	Jul 29, 2021, 12:00:00 AM		400000	Roha
10	CRHP Jamkhed	Near Ganesh Temple ,Radha Nagar, Nagar	414001	PSA1201	30	40	Proposed		true		Jul 29, 2021, 12:00:00 AM		9967910766	Open	Aug 10, 2021, 12:00:00 AM		6000000	Ahen Office
11	VG Hospital	Kalas. Near Aalandi Pune ,Mauli Mandir, Aalandi, Khed (Rajgurunagar),	453432	PSA2101	20	50	Cancelled		true	NOt Issued	Jul 29, 2021, 12:00:00 AM		9822831840	Yes	Aug 31, 2021, 12:00:00 AM		2000000	Pune

Cip PSA Plants		😭 Home 📰 Plants	🔹 🃁 Language 👻	🛓 Account 👻
- Selection	Create or edit a PSA Division	~		
	District	~		
	Hospital / Fadilty name			
	Address			
	Type of Plant			
	Municipal Corporation	~		
		~		

11. MOBILE APPLICATION (ANDROID AND IOS)

The mobile application i.e., 'MHCCMS' for Android and IOS is available. The user will be able to download and install through the app store or by clicking on the below icons:



Below is the login screen of the CCMS Mobile Application, where the user will be able to login into the application.



Once logged in to the application, the user will be directed to the bed availability dashboard where district-wise availability of various types of beds will be shown.



Drawer menu (\equiv) on the top left corner, the hospital user will be able to add, update, delete or modify the bed, medicine, and oxygen inventory.

As shown in the above screenshot, after clicking on bed management/medicine consumption/oxygen consumption, the user will be able to update bed, medicine, or oxygen inventory. (Please refer to the below screenshots)

Booth Hospital Booth Hospital, AHMEDNA/ 456787	lar · · ·
Remedesivier Injection Available Stock	o ~
Tocilizumab Available Stock	1 *
Consumed Stock Consumption Count	
Additional Comment	
additional comment	
	-

Bed Management		
O Isolation		
Available Beds	30 / 50	
O ICU		
Available Beds	4 / 7	
O ICU-Ventilator		
Available Beds	18 / 21	
Bed Occupancy distribution		
Cylinder 02		
Occupied count Cylinder 02		
LMO		
Occupied count on LMO		
Total		
Total occupied count		
Update Bed Occupancy		
• •		

Oxygen Consumption	
Booth Hospital Booth Hospital , AHMEDNAGAR, - 456787	×
Cylinder (B- Type 1.5 M3) Available Stock 10	×
Cylinder (D- Type 6 M3) Available Stock 8	×
Cylinder (A- Type 0.7 M3) Available Stock 10	^
Capacity	50
Inventory Stock	
Consumption Count	
Additional Comment	
additional comment	
Submit	

12. ODAS INTEGRATION

CCMS has done the ODAS integration. In this integration CCMS has given the access of the hospital details to the

ODAS, which user can see on the ODAS portal.



ANNEXURE

Below mentioned are the various reports for hospital and the supplier are available in different given formats below:



- 1. Hospital Details
- 2. Hospital Bed Availability
- 3. Hospital Oxygen Availability/Capacity
- 4. Hospital Medicine Availability
- 5. Hospital Linked Supplier Report
- 6. O2 Normative Requirement Report (LT & MT)
- 7. Hospital Audit Compliance
- 8. Hospital User List

- **SUPPLIER** REPORTS
- 1. Supplier Details
- 2. Oxygen Stock/Capacity Based on Cylinder Type
- 3. Supplier Medicine Availability
- 4. Supplier Trip Status Report
- 5. Supplier Distribution Details
- 6. Supplier User List

Note: Please feel free to reach us through email.



Data Collection:

ccms.datacollection@jeevandayee.gov.in



Technical Support:

ccms.support@jeevandayee.gov.in