INSPIRING **NEW HOPE**

Transforming Healthcare Landscape in Jammu and Kashmir



HEALTH AND MEDICAL EDUCATION DEPARTMENT **GOVERNMENT OF JAMMU AND KASHMIR**







INSPIRING **NEW HOPE**

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RAJ BHAVAN SRINAGAR-190001

MESSAGE

I am pleased to learn that the Department of Health & Medical Education is bringing out its Coffee Table Book titled 'Inspiring New Hope', to generate greater awareness about the efforts undertaken by the Department for the successful implementation of various health initiatives and to deliver effective health services to the people of J&K.

I gather that Jammu & Kashmir has witnessed some major breakthroughs in health sector through various interventions having significant effect on healthcare delivery system, including establishment of two AIIMS, New Medical Colleges, Health and Wellness Centres, Operationalisation of 102-108 Ambulance Services, Pradhan Mantri Jan Arogya Yojana under Ayushman Bharat etc.

The unwavering commitment shown by the doctors, medical staff members and paramedical personnel, especially during the COVID-19 pandemic deserves a special acknowledgment here.

I hope that the Department of Health & Medical Education would continue its untiring efforts to provide quality and accessible healthcare services to everyone with an aim of free Universal Health Coverage.

I congratulate the Health Department for taking this laudable initiative and wish all those associated with this publication a highest success in their appreciable endeavour.

7th August, 2020 Srinagar.







JAMMU & KASHMIR



MESSAGE

I am happy to learn that the Department of Health & Medical Education is coming out with a Coffee Table Book titled **Inspiring New Hope**, highlighting the efforts undertaken in the healthcare sector on a journey to create a healthy J&K.

Jammu & Kashmir has made substantial progress in improving health services delivery over the last few years with a committed approach by all stakeholders to provide quality and accessible healthcare services to everyone in our public health facilities.

I gather that the Coffee Table Book is showcasing various initiatives taken by the Health & Medical Education Department, including establishment of two AIIMS, New Medical Colleges, Health and Wellness Centres, Pradhan Mantri Jan Arogya Yojana under Ayushman Bharat, Operationalisation of 102-108 Ambulance Services, Tele Radiology Services etc, and above all, creating value in Public Healthcare in J&K by implementing National Quality Assurance Program in Public Health facilities.

All these interventions will have significant effect on healthcare delivery system, with the ultimate aim of free Universal Health Coverage.

The hard work put in by doctors, staff members and officers of the government, and thousands of paramedical personnel for creating a healthy future of J&K deserves special mention.

I compliment all who contributed in conceiving this Coffee Table Book and wish them success in their future endeavours.

28th July, 2020 Jammu.

RAJ BHAVAN JAMMU-180001



Girish Chandra Murmu

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Rajeev Rai Bhatnagar



D.O. No. Dated 04-08-2020

MESSAGE

I compliment the Department of Health & Medical Education, J&K for their tireless efforts for implementation/operationalization of National Health programs, assuring quality healthcare services which are affordable, accessible and equitable for all.

I am glad to know that a Coffee Table Book is being published showcasing the initiatives in the field of Health & Medical Education under various schemes/ programs in the U.T of J&K.

In these unprecedented and challenging times of the Covid-19 pandemic, "Covid Warriors" of our Health and Medical Education Department have risen to the challenge and are effectively and selflessly providing holistic health care services to counter the spread of the Corona virus and treat the infected. I salute their untiring dedication, professionalism, sacrifice and determination to succeed against all odds.

I appreciate the selfless services rendered by the Healthcare workers and compliment Officers of the Government or J&K in achieving the new heights in healthcare sector.

I congratulate the editorial team who have published this impressive Coffee Table Book titled "Inspiring New Hope".

(Rajeev Rai Bhatnagar)

Advisor to Lt. Governor Jammu & Kashmir







INSPIRING NEW HOPE

"Inspiring New Hope"

is an attempt at capturing the aspirations and hopes of the Department of Health and Medical Education, Government of Jammu and Kashmir that is moving forward, investing in health systems, upgrading the infrastructure for health to make a positive impact on the lives of millions of people of J&K.

The successive pages will take you through a journey where we have gone ahead in full steam and implemented schemes and programmes with farreaching and wide consequences. The book attempts to capture how within a short span, we became leaders in Ayushman Bharat, how we have upgraded the referral transport, what are we doing to improve the quality of health services and to meet the entitlements and how are we ensuring availability of trained providers.

This is an attempt to generate the essence of hope and inspiration that is leading through a change in the health landscape of Jammu and Kashmir.

We dedicate this book to all the health care and allied workers, the frontline workers and the citizens who are the driving force behind these winds of change.



CONTENTS

A. Ayushman Bharat

- 1. Ayushman Bharat Health & Wellness Centres (AB-HWC)
- 2. Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB-PMJAY)
- 3. Universal Health Coverage- Jammu & Kashmir Health Scheme (JKHS)

B. Health Systems Strengthening

- 1. Achievements under Prime Minister's Development Package (PMDP)
- 2. Implementation of Pradhan Mantri National Dialysis Program (PMNDP)
- 3. Establishment of State Cancer Institute
- 4. Operationalization of 102/108 Ambulance Service
- 5. Rolling out of National Free Drugs and Diagnostics Initiative
- 6. Rolling out of Tele-radiology Services under the National Free Diagnostics
- 7. Rolling out of Biomedical Equipment Management & Maintenance Program (BEMMP)
- 8. Establishment of Obstetric Intensive Care Units (ICUs) and High Dependency Units (HDUs)
- 9. Operationalization of Blood Collection & Transportation Vehicle
- 10. Establishing Nucleic Acid Testing (NAT) facility
- 11. Operationalization of Jan Aushadhi and AMRIT Stores in J&K
- 12. Rolling out of Action Plan for reducing Infant Mortality Rate (IMR) in UT of J&K
- 13. Introduction of eVIN to Strengthen National Immunization Program
- 14. Rolling out of National Viral Hepatitis Control Program (NVHCP)
- 15. Implementation of Menstrual Hygiene Scheme



C.	Strengthening of Medical Education					
	1. Establishment of two All India Institute of Medical Sciences (AIIMS) in J&K					
	2. Establishment of New Medical Colleges at district level	58				
	3. Introduction of Postgraduate Courses in Indira Gandhi Govt. Dental College, Jammu	59				
	4. Rolling out of Diplomate of National Board (DNB) courses in Govt. Medical Colleges and District Hospitals					
D.	Strengthening of Nursing Education					
	1. Establishment of new Nursing Colleges	66				
	2. Establishment of new ANM/GNM Schools	66				
	3. Introduction of B.Sc. Paramedical Courses	67				
E.	Strengthening of Legal and Policy Framework	69				
	1. 10% Reservation in MBBS and BDS for Economically Weaker Sections (EWS)	70				
	2. Healthcare Investment Policy 2019	70				
	3. Setting up of Medi-Cities in J&K	71				
	4. Rolling out of Drug De-addiction Policy	71				
F.	Quality Assurance Program	73				
	1. NQAS Certification/ LaQshya Certification	74				
	2. Kayakalp	78				





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1. Ayushman Bharat - Health & Wellness Centres (AB-HWC)

Ayushman Bharat was launched in 2018 to enable realisation of aspiration for Universal Health Coverage through its two pillars. First pillar is establishment of Ayushman Bharat Health & Wellness Centres for provision of Comprehensive Primary Health Care (CPHC). These centres will be a game changer to provide services closer to communities.



2



Range of services under Comprehensive Primary Health Care includes:



Care in pregnancy and childbirth



care services

Neonatal and infant health



Childhood and adolescent health care services.



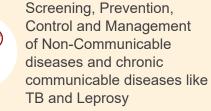
Family planning, Contraceptive services and Other Reproductive Health Care services



Management of Communicable diseases: National Health Programs



Management of Common Communicable Diseases and General Out-patient care for acute simple illnesses and minor ailments





Basic Oral health care



Care for Common Ophthalmic and ENT problems



Elderly and Palliative health care services

Emergency Medical Services



Screening and Basic management of Mental health ailment



Established six (6) pioneering program study centres in 2019-2020. Ten (10) program study centres (till date) are already functional in District Hospitals with an intake capacity of **500** <u>candidates in one session</u>. The number of candidates selected in January 2020 session for Certificate Program in Community Health is **440**. **589** candidates, who had completed the six months Certificate Program in Community Health, *have been successfully placed* as Mid-Level Health Providers (MLHPs) in Health & Wellness Centre (Sub-Centres).

A cumulative total of **692** Health & Wellness Centres are already operational as per Ayushman Bharat - HWC – Portal. The cumulative target for establishment of Health & Wellness Centres by end of March 2021 is **1068**.

Health and Wellness Centre, Kreeri Block

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2. Ayushman Bharat – Pradhan Mantri Jan Arogya Yojana (AB-PMJAY)

The second pillar of Ayushman Bharat i.e. Pradhan Mantri Jan Arogya Yojna or PM-JAY. This scheme was launched on 23rd September, 2018 in Ranchi, Jharkhand by the Hon'ble Prime Minister of India, Shri Narendra Modi. Ayushman Bharat PM-JAY is the largest health assurance scheme in the world which aims at providing a health cover of Rs. 5 lakhs per family per year for secondary and tertiary care hospitalization to over 10.74 crores poor and vulnerable families (approximately 50 crore beneficiaries) that form the bottom 40% of the Indian population. The households included are based on the deprivation and occupational criteria of Socio-Economic Caste Census 2011 (SECC 2011) for rural and urban areas respectively.



Felicitation ceremony of Ayushman Bharat PM-JAY



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Achievements

11.42 lakh Golden Cards generated so far

231 Public & Private hospitals empanelled

80,871 hospitalizations catered

(F

AB-PMJAY

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Benefits portable across the country

Already issued e-cards covering 57% of families in UT in less than 6 months with 150% growth in utilization of services - the highest by any state in the country

0 A

More than 95% of the claims have been paid in time as per the defined timelines plus claims settled as per the defined timelines The State Health Agency (SHA), J&K secured 1st prize in Learning and Space Sharing event of Arogya Manthan organized by NHA in 2019

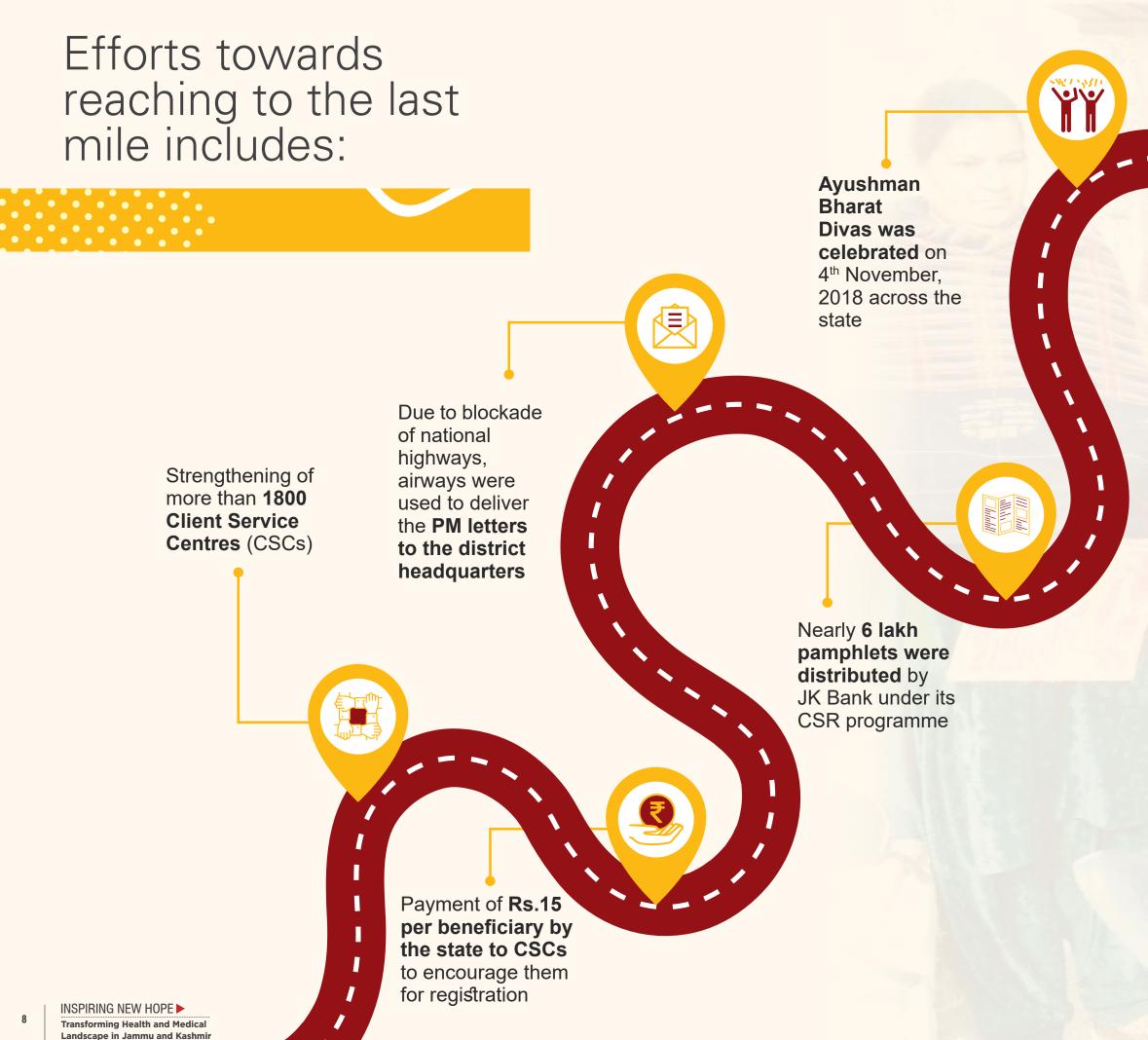
J&K has also received SKOCH order of Merit Award (2019) for innovative implementation of AYUSHMAN BHARAT



Hon'ble Home Minister **appreciated efforts put by SHA, J&K** on the floor of the Parliament

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Ayushman **Bharat Rath** was also launched under this programme

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3. Universal Health Coverage- Jammu & Kashmir Health Scheme (JKHS)

Government of Jammu & Kashmir accorded approval for rolling out of Jammu & Kashmir Health Scheme (JKHS) in the Union Territory. In convergence with Ayushman Bharat-PMJAY, JKHS provides free of cost Universal Health Coverage to all the residents including employees and pensioners of the Government of Jammu and Kashmir and their families. Each beneficiary family is entitled to health cover of Rs. 5 lacs per year on floater basis.

10

Administration Council meeting for approval of JKHS

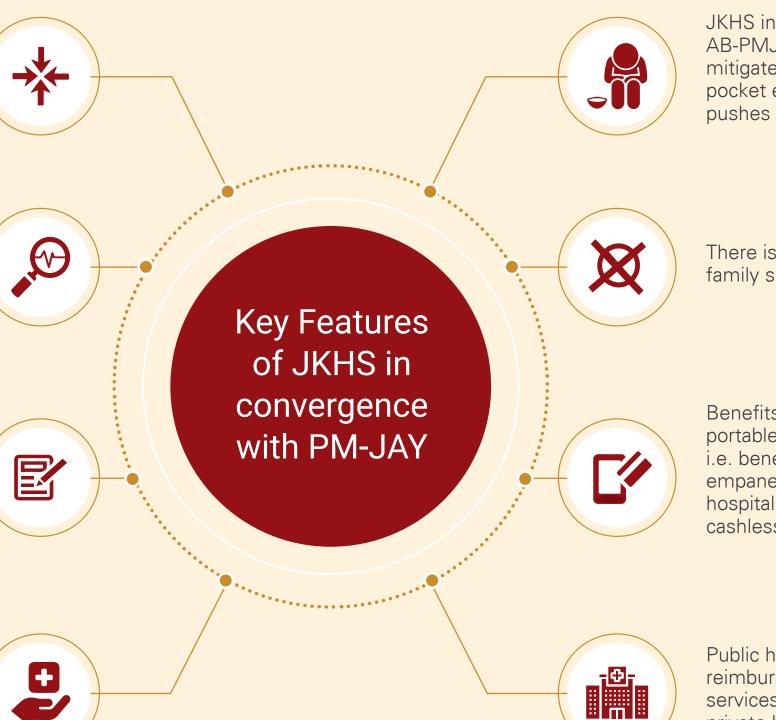


JKHS in convergence with AB-PMJAY provides cashless access to health care services for the beneficiaries at the point of service, that is the hospital.

It also covers up to 3 days of pre-hospitalization and 15 days of post-hospitalization expenses such as diagnostics and medicines.

All pre–existing conditions are covered from day one of registration under the scheme

Services include approximately 1,393 procedures covering all the costs related to treatment, including but not limited to drugs, supplies, diagnostic services, physician's fees, room charges, surgeon charges, OT and ICU charges, etc.



JKHS in convergence with AB-PMJAY envisions to help mitigate catastrophic out of pocket expenditure which pushes people into poverty.

There is no restriction on the family size, age or gender.

Benefits of the scheme are portable across the country i.e. beneficiaries can visit any empanelled public or private hospital in India to avail cashless treatment.

Public hospitals are reimbursed for the healthcare services at par with the private hospitals.







HEALTH SYSTEMS STRENGTHENING

1. Achievements under Prime Minister's Development Package (PMDP)

The Department of Health & Medical Education, J&K is the first to receive approval for the entire amount of Rs. 900 Crores allocated under PMDP. 144 approved ongoing/new health projects have been taken up under the said programme, out of which 61 projects have been completed. Full amount Rs. 900 Crores has been released by Govt.of India, out of which utilization certificate for an amount of Rs. 729.80 Crores has been submitted to the Govt. of India till March, 2020.

Major Hospital projects like 500-bedded new Paediatrics Hospital at Srinagar,200-bedded new Maternity Hospital at Jammu, new Bone & Joint Hospital at Jammu, 100 bedded emergency block at GMC Jammu, construction of Boys and Girls Hostels at Jammu, construction of Nursing College at GMC Srinagar, District and Sub District Hospitals have been taken up.



District Hospital Pulwama





2. Implementation of Pradhan Mantri National Dialysis Program (PMNDP)

Intervention

In pursuance to the directions from the MoHFW, Govt. of India for operationalisation of Dialysis services in J&K, an in-house model has been adopted and District Dialysis Centres are established.

70 dialysis machines are provided by MoHFW to Govt. of J&K, which have been installed at fifteen (15) District Hospitals including District Hospital, Leh & District Hospital, Kargil.





Dialysis Unit at District Hospital, Udhampur



Dialysis Unit at District Hospital, Baramulla To operationalize the dialysis units, Govt. of J&K decided to run the Programme by training the existing manpower of health department at Sher-I-Kashmir Institute of Medical Sciences (SKIMS), Srinagar and Super-Speciality Hospital, Jammu. Subsequently, staff from designated health facilities where Dialysis centres have been established were trained for providing quality dialysis services to the poor and needy patients.

In the current financial year 2020-21, five (5) more District Dialysis Centres are approved. These five new centres will be made functional during FY 2020-21 at Samba, Reasi, Ramban, Shopian and Ganderbal.

Key Features



Dialysis programme is being implemented in 13 Districts of the UT of J&K. The programme is being run through in-house arrangements.

The cost of each Dialysis session for above poverty line (APL) patients has been fixed at Rs.950/per session, however it is free for below poverty line (BPL) patients, cost of which is borne under NHM.



Total 63 Dialysis machines are installed at the 13 existing dialysis centres in UT. Additional 07 machines are installed in UT of Ladakh (part of erstwhile State of J&K).

Dialysis unit at District Hospital, Anantnag





The dialysis centres established are being strengthened by providing human resources like 2 **Dialysis Technicians** and 4 Staff Nurses for each centre under NHM.

Achievements

S.No.	Name of the facility	No. of Dialysis Machines Received and Installed	2019-2020		Apr-June, 2020	
			Total No. of patients Registered	No. of Dialysis Sessions held	Total No. of patients Registered	No. of Dialysis Sessions held
1	DH Anantnag	8	98	3257	68	805
2	DH Gandhi Nagar, Jammu	6	44	2071	7	51
3	DH Baramulla	6	58	3408	57	824
4	JLNM Srinagar	6	41	1688	0	0
5	DH Kathua	6	19	1297	22	451
6	DH Udhampur	4	11	655	13	207
7	DH Rajouri	4	43	976	14	203
8	DH Doda	4	52	950	25	318
9	DH Pulwama	4	69	1617	39	582
10	DH Kulgam	4	33	1423	35	536
11	DH Poonch	4	19	208	13	202
12	SDH Kupwara	4	16	292	28	339
13	DH Kishtwar	3	6	49	9	73
	Total	63	509	17891	330	4591



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3. Establishment of State Cancer Institute

Second State Cancer Institute is being established at GMC Jammu under central assistance. 1st installment of Rs. 43 crores has been released by GOI for this purpose. Construction work has been started by the executing agency.

> Under construction building of State Cancer Institute at GMC, Jammu



Foundation stone laying ceremony of State Cancer Institute, GMC, Jammu



4. Operationalization of 102/108 Ambulance Service

112 ambulances including 48 Advanced Life Support (ALS) and 64 Basic Life Support (BLS) under 108 Ambulance Services; and 286 existing Patient Transport Ambulances under 102 Ambulance Services fitted with Vehicle Tracking Management System (VTMS) were launched under the JK Emergency Medical Service.

The programme was launched by *"Hon'ble Lieutenant Governor Shri Girish Chandra Murmu"* on 24th March, 2020 in the Union Territory of Jammu and Kashmir. In addition, 28 more ALS Ambulances have been integrated in the fleet of 108 Ambulance Services. 102-108 Ambulance Service being launched in the UT of J&K by the Hon'ble Lieutenant Governor, Sh. Girish Chandra Murmu



20





Toll Free No. **(108)** has been set up for attending Medical Emergency calls. Another Toll Free No. **(102)** has been dedicated for providing ambulance services to **Pregnant Women and Infants**. A dedicated 24X7 Call Centre has been established to take calls from general public. The Ambulance Service can be availed free of cost.

102-108 Ambulance Service

As of today, the total number of ambulances under 102-108 Ambulance Service is 426.

Division wise deployment of 108-102 Ambulances in UT of J&K

Fleet Count 108-102 under J&K EMS					
S. No.	Division	Phase	ALS	BLS	Patient Transport Ambulance (102)
1	Kashmir	1	23	31	136
		2	11	0	0
2	Jammu	1	25	33	150
		2	7	0	0
		3	10	0	0
	Total		76	64	286
Grand [•]	Grand Total				426

108-102 Ambulance Services have been utilized by the weakest sections of the society and also by the people living in the remote areas of the UT, who till recently didn't have access to ambulance services, which has resulted in saving many of the precious lives in these areas.

In addition to the regular utilization of 108-102 Ambulance Services in the UT of J&K, timely launch of this much-awaited service has strengthened the administration in the COVID-19 Control efforts.



S. No.	Particulars	Jammu Division	Kashmir Division	Total
1	No. of patients served during the month till July 22 nd	1953	1288	3241
2	No. of patients served since launch	11432	6381	17813

No. of Births assisted by 108 EMS, till 22.07.2020

S. No.	Month(s)	Delivery in Ambulances(s)	Delivery at Scene	Total
1	March, 2020 (since 24 th March, 2020)	2	4	6
2	No. of patients served since launch	14	3	17
3	May, 2020	18	4	22
4	June, 2020	16	3	19
5	July, till 22 nd	7	1	8
otal B	irths Assisted	57	15	72

The work done by the fleet of transport ambulances under 102 ambulance services till 22.7.2020

S. No.	Particulars	Jammu Division	Kashmir Division	Total	
1	Drop back provided during the month till July 22, 2020 (No. of Beneficiaries)	406	527	933	
2	Drop back provided since launch (No. of Beneficiaries)	1977	2145	4122	

Details of people affected with COVID-19 served through this service

Provider Impression from 24.03.2020 March to 22.07.2020 by 108 Ambulance Services under COVID-19

S. No.	Provider Impression	Patient Count
1	COVID-19 Positive Cases	289
2	COVID-19 Suspected Cases	1436
· /_	Grand Total	1725

In addition to other free entitlements under Janani Shishu Suraksha Karyakram (JSSK) Scheme such as free drugs and consumables, diagnostics, diet, provision of blood; 102 Ambulance Service caters to free transport from home to health institution, between health institutions in case of drop back home and referrals.



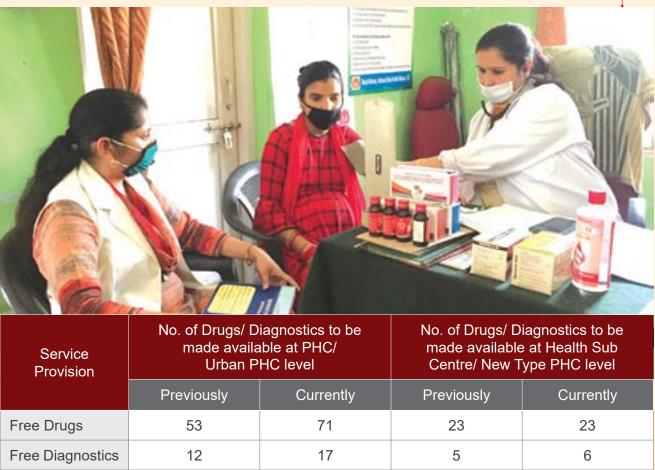
102-108 Ambulance Service

Rolling out of National Free Drugs and Diagnostics Initiative 5.

Government of J&K launched Free Drugs and Diagnostics Initiative in J&K in 2017 which was further expanded in February 2020, incorporating new drugs and diagnostics in the already existing list.

In a meeting under the Chairmanship of Financial Commissioner, Health & Medical Education Department, Jammu & Kashmir on 10-05-2020 it was decided that the funds from NHM under Free Drugs and Diagnostics Initiative shall be utilized for Comprehensive Primary Health Care (HWCs) whereas the state budget shall be utilized for Secondary care (CHCs & DHs).

Number of drugs and diagnostics to be made available at HWCs (Health Sub-centre/ New Type PHC/PHC) is as shown in the table.



Service Provision	Community Health Centre	District Hospital
Free Drugs	68	68
Free Diagnostics	18	20

Essential medicines are provided free of cost to pregnant women visiting the HWCs

Previously	Currently
23	23
5	6



Rolling out of Tele-radiology Services under the National Free Diagnostics 6.



Diagnostics are an integral part of Health Care System which provides Information needed by Health Care Service Providers to make informed decisions. Limited availability and access to quality laboratory and radiology services leads to inadequate responses to disease control and patient management. Out of pocket expenditure on diagnostic tests are high and rising, and people from lower income groups cannot afford these. Moreover, there shortage of trained manpower to provide radiology services at each facility. Tele-radiology services under the National Free Diagnostics Initiative addresses these key challenges of healthcare delivery.





Inauguration ceremony of the tele-radiology services by Hon'ble LG on 24-06-2020



Scope of the project

2	
	\sim

Project initiated under "National **Free Diagnostics** Initiative" of National Health Mission in PPP Mode in identified DHs/SDHs/CHCs

241	Patients can
2411	avail Free of
	Cost Services
	24X7
	throughout
	the year

Setting up technology systems for digitization, transmission and reporting of medical images in all identified DHs/ SDHs/ CHCs

Patients will get reports as early as within 6 Hours of the imaging at the center

Critical/ Emergency reporting allowed with Time (TAT) (1-2 Hours)



Health-care facilities covered at present

S. No.	Туре	Jammu	Kashmir	Total
1	DH	4	2	6
2	СНС	23	24	47
Grand Total		27	26	53





Impact on Health Care systems



Accurate **Diagnosis** without compromising quality, with use of highend Technology & Equipment

Improved **Consultation and** better management of patient care in Rural/ Remote areas which will reduce referrals

Cost effective: Quality Services at Affordable Price, reduction in Out-of-pocket Expenditure

Strengthening of Trauma/ Emergency Care

Round the of radiodiagnostics services

5



Medical Officer using the tele-radiology services in J&K





Addresses shortage of **Radiologists**

Rolling out of Biomedical Equipment Management & Maintenance Program (BEMMP) 7.

Biomedical Equipment Management & Maintenance Program was launched on 18th November, 2019 by Financial Commissioner Health & Medical Education. The services include Biomedical equipment management and maintenance at all public health care facilities up to the PHC level in Jammu & Kashmir and Ladakh. Purpose of this programme is to facilitate assured quality diagnostics & treatment services in public health facilities by keeping all the biomedical equipment in functional state.

Launch of Bio-Medical Equipment Management and Maintenance Program Jammu & Kashroin, and Lodokh Sh. Ata lloo 1

Launch ceremony of Biomedical equipment management and maintenance Program in J&K



Key Features

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The programme is being implemented in PPP (Public Private Partnership) mode.

The program entails provision of **toll free number for**

equipment breakdown registration, preventive and

corrective maintenance, and free supply of spares,

and training of users on equipment.



90% Community Health Centres

Engineers deployed for point of care services



Toll Free No.: 1800-102-0433 Hotline No.: 91218 96777

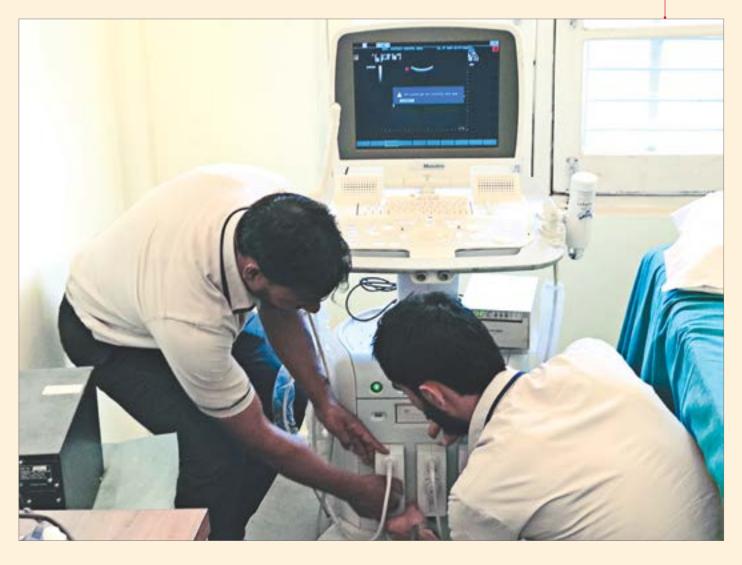
The **engineers are deployed in all the districts** for point of care services.

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While managing the prescribed limits of downtime, **the Service Provider ensures that at no point in time, any equipment is dysfunctional beyond 7 days of registering of the complaint at the user end**. In case the equipment is dysfunctional beyond 7 days, a suitable penalty from state NHM would apply to every extra day beyond 7 days, in regular circumstances.

Equipment namely **Blood Gas Analyzer (ABG) Machine, ECG Machine, Ventilator, Radiant Warmer, Defibrillator** are considered as **Life Saving equipment.** In case of breakdown of these above mentioned equipment beyond a period of 48 hours, the service provider arranges for STANDBY equipment at the Health Facilities.





80% Primary Health Centres



Achievements in last Six Months

Total Equipments Mapped / Tagged



Calls Closed-Completed (as on 25.6.2020)



Technical Teams of service provider repairing equipment at a health facility



30



Impact on Healthcare Delivery scheme



Almost 50 percent of the

equipment (3,388) which were lying nonfunctional in the health institutions has been made functional in the last six months. The Programme has improved the delivery of healthcare services to public by provisioning of diagnostics as well as interventional/ surgical procedures to be performed in time bound manner without delaying.



The programme has been **helpful** in ensuring uninterrupted health **delivery** by timely repair/maintenance of medical equipment even during **COVID-19 pandemic.**

Establishment of Obstetric Intensive Care Units (ICUs) and High Dependency Units (HDUs) 8.

In J&K, most of the complicated and critical maternity cases are referred from all the districts to two tertiary care hospitals, SMGS Hospital Jammu in Jammu division and LD Hospital Srinagar in Kashmir division. Some of these patients who require intensive care are referred to General ICU of the Medical College Hospitals, which always remain full to their capacity and many maternal deaths occur because of non-availability of beds in ICU.

Keeping in view the above facts, four bedded ICUs and eight bedded HDUs each at GMC Srinagar (LD Hospital, Srinagar) & GMC Jammu (SMGS Hospital Jammu) have been established and operationalized with the financial support under NHM.

Four (04) bedded Obstetric ICU established under NHM at Sri Maharaja **Gulab Singh Hospital, Jammu**





Impact on healthcare delivery system

ICUs/ HDUs have resulted in improving care during obstetric & gynaecological emergencies, thereby **helping in reducing** preventable maternal mortality.

Cause	SMGS Hospital, Jammu Year 2020-21			LD Hospital, Srinagar Year 2020-21		
	Admissions	Mortality	% Mortality	Admissions	Mortality	% Mortality
Ante Partum Haemorrhage	12	0	0%	0	0	-
Post Partum Haemorrhage	2	1	50%	5	1	20%
Hypertensive Disorders	2	0	0%	33	1	3%
Severe Anaemia	10	4	40%	3	1	33%
Respiratory problems	2	0	0%	3	1	33%
Cardiac Diseases	0	0	-	6	1	16.6%
Paediatric Cases	11	0	0%	-	-	-
Gynae Cases	24	0	0%	-	-	-
Ectopic pregnancy/ Ruptured Uterus	-	-	-	40	1	2.5%
Total	63	5	7.93%	90	6	6.67%



LD Hospital, Srinagar			
Year 2020-21			

9. Operationalization of Blood Collection & Transportation Vehicle

Voluntary Blood donors are the cornerstone of a safe and adequate supply of blood and blood

products. Notably, these blood donors are voluntary, not remunerated, and from low-risk populations. The most precious thing, next to life itself, is the time required to sustain life by willingly donating blood. It is our duty to ensure that blood donors donate blood at a comfortable place close to them.



Blood donation being organized in Blood Collection and Transportation vehicle

34

A blood Collection and transportation vehicle is a mobile blood donation centre.

It is a vehicle equipped with everything necessary for a blood donation procedure and as well as for the safe transportation of blood in optimum & consistent cold chain conditions. Blood Donation Mobile Vehicle is being used exclusively for the purpose of organization of Voluntary Blood Donation Camps and transportation of collected blood to first referral unit (FRU) facilities and Government Medical Colleges. With BCTV, Blood donation camps can be organised in public places including colleges, institutions, state offices, and religious institutions.

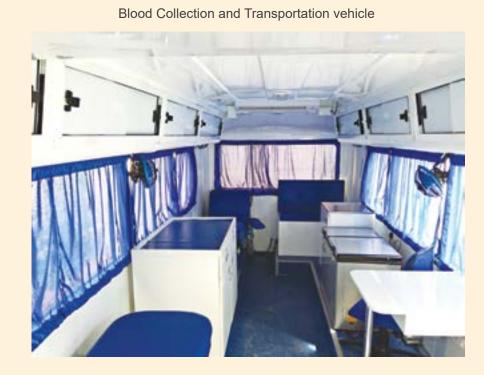
J&K has two dedicated high-tech **Blood Collection & Transportation Vehicles**.

These vehicles are designed in such a way that at any given time, two voluntary donors can donate blood in air-conditioned comfort with state of the art quality interiors, equipment, donor couches, blood storage, refrigerators, grouping facility and transportation mechanism. These vehicles are capable of functioning in remote areas, regardless of the terrain conditions.

One BCTV is stationed at Directorate of Health Services. Jammu, for Jammu Division. Another one is stationed at GMC, Srinagar for Kashmir Division.

Officer.







A dedicated team of Phlebotomists &

Technicians is assigned for conducting blood donation camps through these vehicles. During mobile camps in the District, BCTVs are parked under safe custody and under the information of concerned Chief Medical

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10. Establishing Nucleic Acid Testing (NAT) facility

Nucleic Acid Amplification Testing

is a molecular technique for screening donated blood to reduce the risk of transfusion transmitted infections in the recipients, thus providing an additional layer of blood safety.



36



Inaugural ceremony of NAT facility

D TRANSFUSION MEDICINE CAL COLLEGE, JAMMU

AL DULLOO (IAS)

Key Features

NAT employs a new form of testing technology that directly detects the genetic material of viruses like HCV and HIV. Because NAT detects the genetic material of a virus instead of having to wait for the human body's response to a virus the formation of antibodies against it, as is the case with most current tests it offers the potential advantage over the current tests of reducing the window period, thus further improving blood safety.

Achievements

First time UT of J&K implemented fully automated **NAT-PCR technology facility at Govt. Medical** College, Jammu with the support of NHM. This facility

will help in early detection of transfusion transmission infections like HIV, HBV, HCV. The facility is completely funded under NHM and was inaugurated by Financial Commissioner, Health & Medical Education Shri Atal Dulloo (IAS), on 14th June, 2020, World Donors Day at GMC, Jammu. Proposal for establishing NAT facility at GMC, Srinagar is under process and expected to be in place very shortly.

NAT yield at GMC, Jammu is 1 in 600 i.e, one case of transfusion transmitted infection in 600 donations was missed which was ELISA negative and in window period.

11. Operationalization of Jan Aushadhi and AMRIT Stores in J&K

42 Jan Aushadhi Kendras and 16 AMRIT Stores are being established in J&K. 33 licences are issued for Jan Aushadhi kendras so far and MOU has been signed for setting up of 16 AMRIT Stores in tertiary level health institutions.

Pradhan Mantri Bhartiya Jan Aushadhi Kendra



Transforming Health and Medical Landscape in Jammu and Kashmir

Amrit Pharmacy

12. Roll out of Action Plan for reducing Infant Mortality Rate (IMR) in UT of J&K

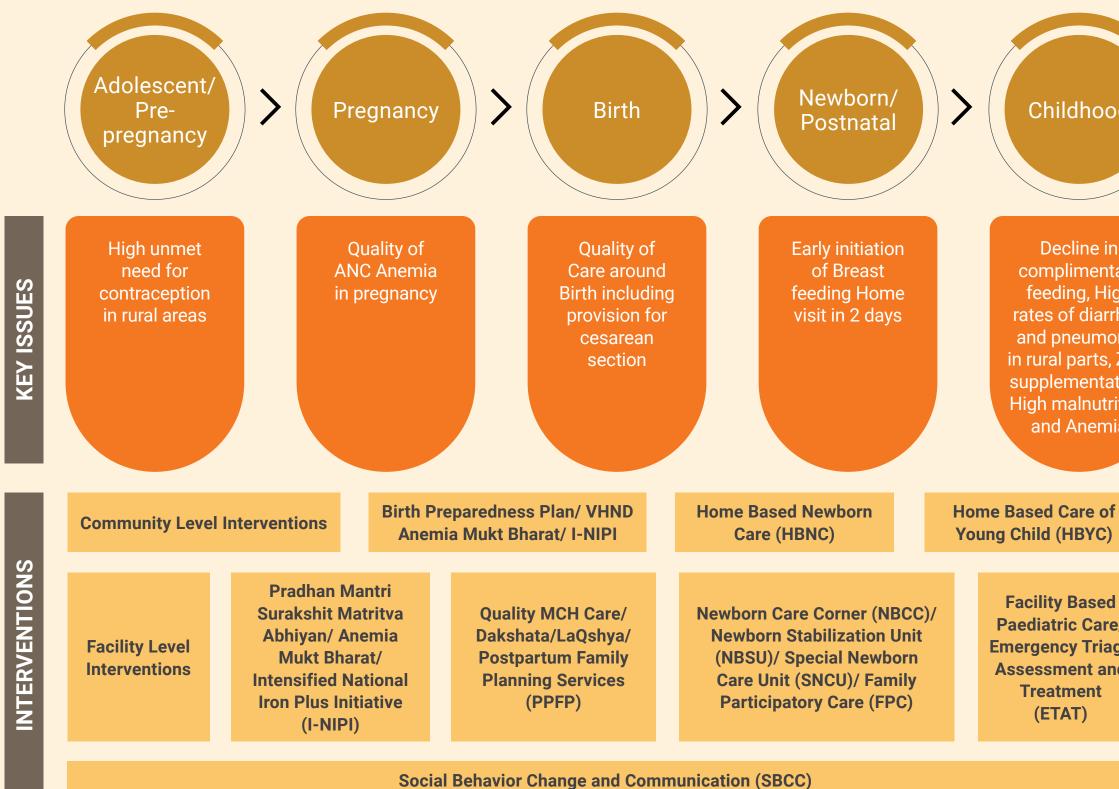
Jammu and Kashmir (J&K) has seen a remarkable improvement in the number of infant deaths since the start of NHM. The IMR has decreased from 45 in 2009 to 22 in 2018. This has been possible by improving coverage of quality antenatal care, skilled care at birth, postnatal care for both mother and newborn and care of small and sick newborns.

However, a large number of preventable infant deaths continue to happen and in order to address this issue an action plan has been developed to achieve a single digit IMR by the year 2022. This provides a roadmap for action through uniform policy and programmatic direction, involving all relevant stake holders, The Action Plan on Roadmap for reducing Infant Mortality Rate was released by Shri Satya Pal Malik, Hon'ble Ex-Governor of J&K at Jammu on14th September, 2019. Hon'ble Ex-Governor for J&K, Satya Pal Malik and state officials releasing the Action plan on roadmap for reducing IMR in J&K



An additional budgetary requirement for the period 2019-22 has been estimated at Rs. 154.47 Crore for implementation of the strategies under the roadmap. During the year 2019-20, an amount of Rs. 23.06 Crore & during the FY 2020-21, Rs. 22.23 Cr. has been approved by the MoHFW, Gol in favour of UT for implementation of these strategies.

STRATEGIES AND KEY ISSUES ACROSS RMNCH+A



Childhood

Decline in complimentary feeding, High rates of diarrhea and pneumonia in rural parts, Zinc supplementation, High malnutrition and Anemia

Facility Based Paediatric Care/ **Emergency Triage Assessment and Treatment** (ETAT)



Achievements

NICUs/ SNCUs across UT: Ø

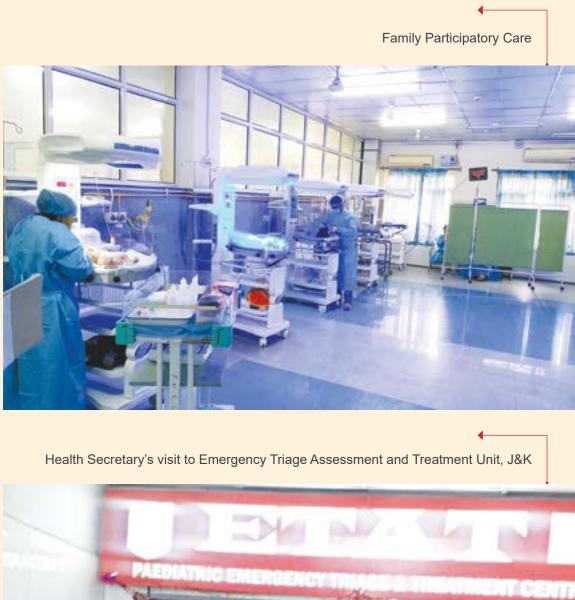
29 SNCUs have been approved for the J&K UT out of which, 27 SNCUs are functional. In addition, to provide tertiary care to sick neonates, three out of 5 sanctioned Neonatal Intensive Care Units (NICUs) have been operationalised at Govt. Medical Colleges.

Kangaroo Mother Care (KMC)/ Family \mathbf{O} Participatory Care (FPC) & Emergency Triage Assessment and Treatment (ETAT) facilities for Children

9 FPC/ KMC units are approved out of which 5 FPC at has been made functional and work for remaining 4 is under progress.

> • Five units, namely - DH Baramulla, DH Poonch, DH Udhampur, DH Ramban and GB Panth have also scaled up for Family participatory care (FPC) and Kangaroo Mother Care (KMC). Four more units are being operationalized.

Emergency Triage Assessment and Treatment facilities for children are being provided at five DH (DH Baramulla, DH Doda, DH Udhampur, DH Kupwara and GB Panth and five more are under process).





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• Anemia Mukt Bharat

Adequate IFA supplements have been procured and distributed to Districts for implementation of this programme. During FY 2019-20:



children (6-59 months) have been provided 8-10 doses of IFA Syrup.

107840

school going children have been provided 4 IFA tablets.

11739

out of school children have been provided IFA at Anganwadi Centres.



pregnant women have been provided IFA supplement.



42

Home Based Newborn Care Ø (HBNC)

HBNC has been successfully implemented in all the Districts of J&K UT. During FY 2019-20, 1.12 lakh Newborns were visited under HBNC.



Home Based Care of Young Child (HBYC) Ð

Home Based Care of Young Child aims to reduce childhood mortality and morbidity and improve nutrition status, growth and development of young children through additional structured, focused, and effective home visits by ASHAs at 3rd, 6th, 9th, 12th and 15th months.

During the FY 2019-20, 8 Districts were approved for HBYC implementation and training has been completed in these districts. During FY 2019-20, a total of 20,278 children were visited under HBYC.

> Refresher Training of ASHAs for Home Based Care of Young Child





ASHA doing growth and development assessment of the child during HBYC visit



13. Introduction of eVIN to Strengthen National Immunization Program



programmes in India.

In 2018-19, the Union Territory of J&K registered





204,938 children fully immunized less than 1 year of age 2.

In order to increase the efficiency of vaccine delivery system without compromising on quality, a system called Electronic Vaccine Intelligence Network (eVIN) is being introduced throughout the country in a phased manner. The system consists of mobile and web-based application for cold chain handlers which embraces technology to effectively manage vaccine, logistics and cold chain by building capacities of cold chain personnel.





Key Features of eVIN:



Orientation programme for vaccine and cold chain managers





Use of simple mobile based application



technologgy for temp. monitoring







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Using the eVIN app, district officials can

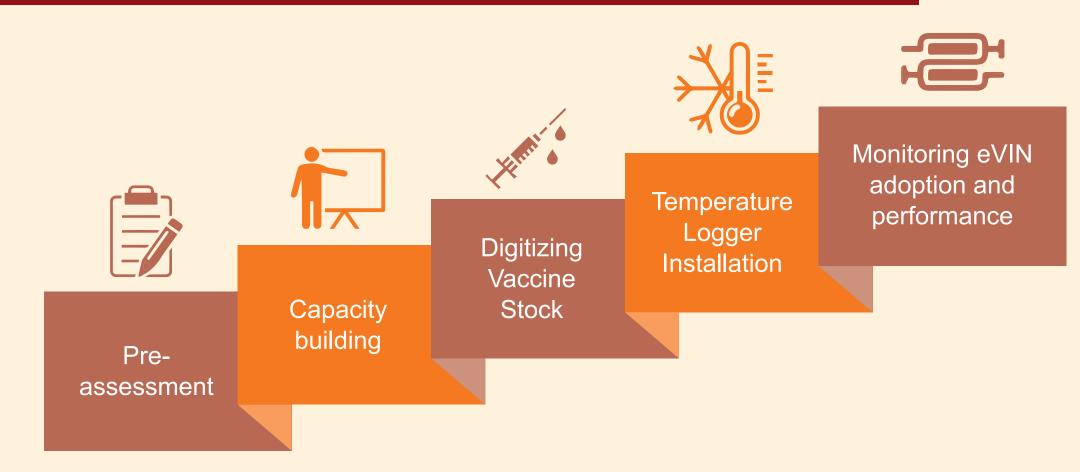
ANM vaccinating a child during Village Health and Nutrition Day

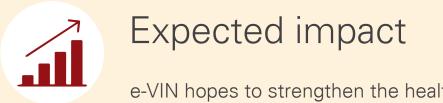




The Government of J&K signed an MOU with UNDP in order to launch eVIN in the UT along with training, standardization and capacity building of the Government Staff for smooth execution of the Project and the first induction session was conducted for the Project Officers and the Vaccine Cold Chain Managers by UNDP team from 3-7 March 2020

The e-VIN project will be rolled out in the following steps in J&K





e-VIN hopes to strengthen the health systems in the UT by providing improved stock availability, real time data visibility, tools and reports and hopes it will build a replicable model in strengthening the health systems across the country

14. Rolling out of National Viral Hepatitis Control Program (NVHCP)





Combat hepatitis and achieve country-wide elimination of Hepatitis C by 2030.



Achieve significant reduction in the infected population, morbidity and mortality associated with Hepatitis B and C viz cirrhosis and hepato –cellular carcinoma



Reduce the risk, morbidity and mortality due to Hepatitis E and A.



48



Training & Capacity building

Training on NVHCP for Jammu Division completed and training on NVHCP for Kashmir Division is under process.

Laboratory at **District Hospital** equipped for testing Viral hepatitis



State Programme **Steering Committee** constituted under the chairmanship of **Financial Commissioner** H&ME deptt

Designated two Model Treatment Centres & Two State Referral Labs at GMC Jammu and GMC Srinagar

Six District Treatment Centres & Six District Laboratories established at District Hospital Anantnag, Baramulla & Pulwama in Kashmir Division and at District Hospital Doda, Rajouri & Kathua in Jammu Division

Progress under NVHCP for last 06 months					
No. of patients screened for Hepatitis C	No. of patients found positive for Hepatitis C	No. of patients put on treatment for Hepatitis C	No. of pati completed		
22242	293	190	7		



tients who d treatment

74

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15. Implementation of Menstrual Hygiene Scheme

Under Rashtriya Kishore Swasthya Karyakram for promotion of menstrual hygiene among adolescent girls in the age group of 10-19 years in rural areas, menstrual hygiene scheme was introduced.

The major objectives of scheme are as follows:



To increase awareness among girls about menstrual hygiene.



To increase access to and use of high quality sanitary napkins by adolescent girls in rural areas.



To ensure safe disposal of sanitary napkins in an environment friendly manner.



6 Pads

FOR NHM SUPPLY Sanitary Napkins



The sanitary napkins (packet of 6) are provided to rural adolescent girls at a subsidised rate of Rs. 6 per pack. ASHA is responsible for distribution of the napkins receiving an incentive @ Rs. 1 per pack sold and a free pack of napkins every month for her own use whereas the remaining 5 rupees per pack are recouped to State Health Society.



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ANM conducting Menstrual hygiene counselling session

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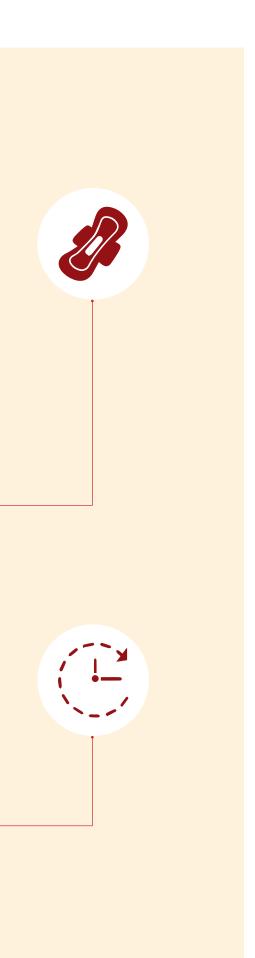
List of districts under Menstrual Hygiene scheme in J&K



The Procurement of Sanitary Napkins through PMBJP (Jan Aushadhi) under BPPI - Bureau of Pharma PSUs of India was initiated w.e.f 30-05-2019 and **25.53 lakh packets of Sanitary Napkins** are **distributed** to 10 Menstrual Hygiene scheme Districts till March, 2020 and amount of Rs.12.15 lakhs has been recouped.

Future Plans

The Scheme is planned to be scaled up in remaining 10 districts of the UT.









STRENGTHENING OF MEDICAL EDUCATION

1. Establishment of two All India Institute of Medical Sciences (AIIMS) in J&K

Establishment of AIIMS, one each at Vijaypur, District Samba and Awantipora, District Pulwama



Rs. 2000 Crore sanctioned by the Ministry of Health & Family Welfare, Government of India.



Land measuring 1945 kanals and 06 marlas (244.25 acres) at Vijaypur, District Samba and 1772 kanals and 05 marlas (221.53 acres) at Awantipora, District Pulwama transferred in favour of Health & Medical Education Department and handed over to CPWD for starting of construction activities on the site.



CPWD has been engaged as an executing agency which has carried out pre-construction activities like construction of boundary walls at both the sites.



Rs. 26.95 Crores and Rs. 11.68 Crores have been utilized up to March, 2020 for AIIMS, Vijaypur (Samba) and AIIMS, Awantipora (Pulwama) respectively.



The expected date for completion has been fixed 2023 for AIIMS, Jammu and 2025 for Kashmir. Both the projects were inaugurated by the Hon'ble Prime Minister of India on 3rd February, 2019.





Allied works like provision of water supply, electricity, road connectivity etc. are being looked after by the concerned Departments of J&K and necessary work on these components has been started on ground.

Hon'ble Prime Minister of India Shri Narendra Modi laid foundation stone of AIIMS, Jammu on 03.02.2019





2. Establishment of New Medical Colleges at district level



SEVEN New Medical Colleges

Anantnag **2** Baramulla **2** Rajouri **2** Doda **2**

sanctioned by the Ministry of Health & Family Welfare, Government of India at a cost of Rs. 189.00 crores each have been made functional by the Department since financial year 2019-20 on make shift arrangements.

The construction activities like execution of main college complex, boys' and girls' hostels and up-gradation of existing district hospitals are at different stages of completion. The expected date of completion is September, 2020. The Government of India has released full 90% central share of Rs. 850.50 crores against which utilization certification has been submitted to Gol for Rs. 550.38 crores.

Currently, classes are operational for 1st batch of MBBS students on makeshift arrangements in (04) four medical colleges. Medical College Doda will be admitting the 1st batch from academic session 2020-21. These efforts have led to increase in MBBS intake capacity from 500 to 985 seats in the UT of J&K.

Additionally, approval for two New Medical Colleges at Udhampur and Handwara (District Kupwara) along with release of Rs. 23.81 crores has also been received from GOI. Chief Engineer Public Works Department (Roads & Buildings), Kashmir/Jammu has been engaged as executing agency. Drawings and layout plan for New Medical College, Udhampur have been approved by the committee constituted for the purpose and tender is being floated shortly.

Kathua

3. Introduction of Postgraduate Courses in Indira Gandhi Govt. Dental College, Jammu

To fill up the gaps as per the requirement of Dental Council of India, **a proposal to start 14 PG Seats in 7 identified disciplines has been submitted to the Dental Council of India and approval is expected soon**. Rs. 150 lakhs have been projected under revised estimates of Capex Budget 2019-20 for procurement of necessary machinery/ equipment to meet the deficiencies pointed out by the DCI.



Indira Gandhi Govt Dental College & Hospital, Jammu

Rolling out of Diplomate of National Board (DNB) courses in Govt. Medical Colleges 4. and District Hospitals



Diplomate of National Board (DNB) is a title awarded by the National Board of Examinations (NBE), an autonomous academic body under Ministry of Health, Family Welfare, Government of India to candidates who successfully complete their postgraduate or post-doctoral medical education in teaching hospitals accredited by NBE and medical colleges accredited by medical council of India.



The programme was initiated in J&K in January 2019. Government Hospital Gandhinagar, Jammu is the first district hospital in J&K to get approval for the DNB seats.



Sheri-i-Kashmir Institute of Medical Sciences (SKIMS), Soura, two Government Medical Colleges of Jammu/ Srinagar and one Private Medical College at Jammu are fully functioning tertiary care institutes in the UT of J&K with DNB seats.

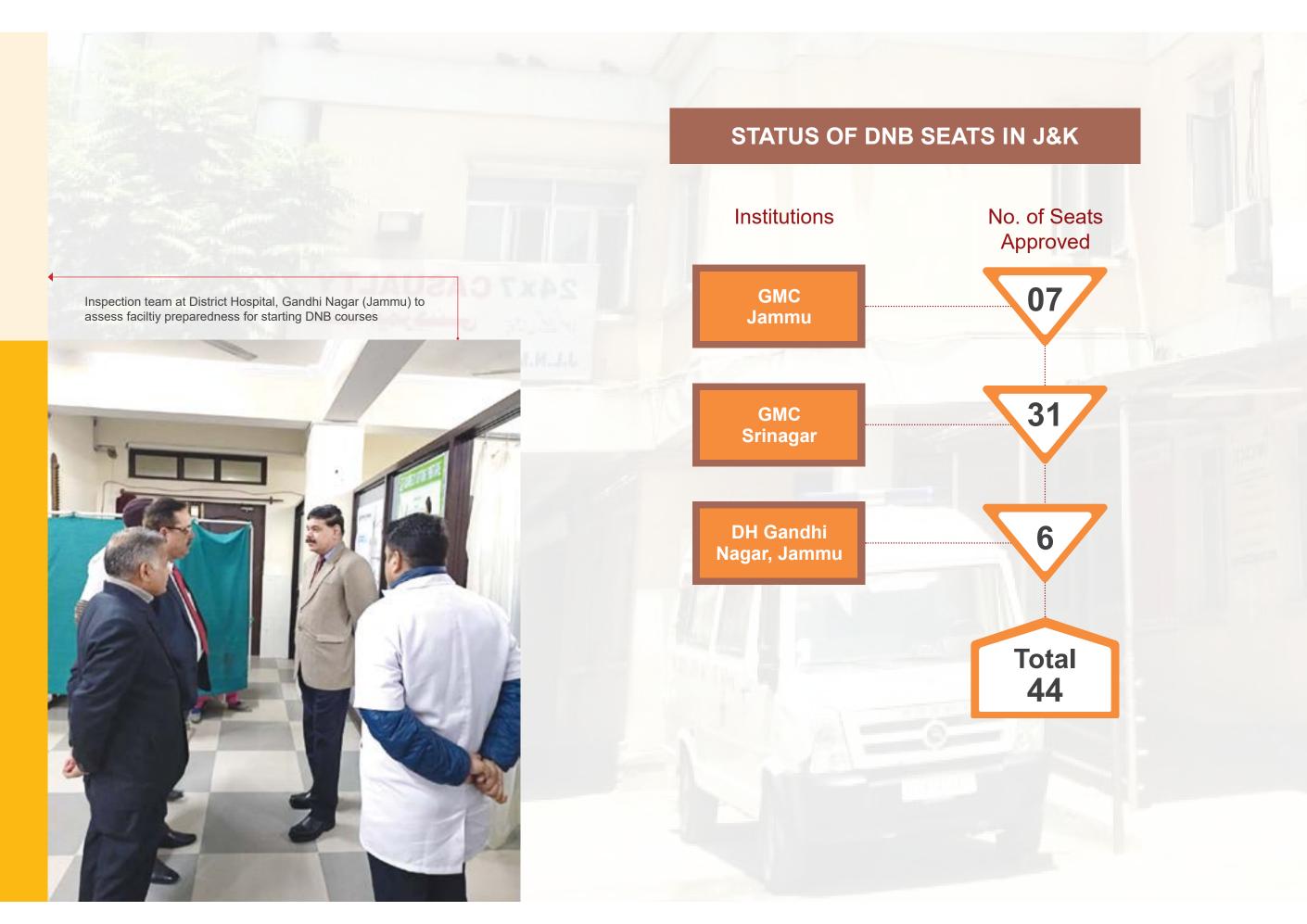


8 District Hospitals (DH Gandhi Nagar, DH JLNM, DH Udhampur, DH Pulwama, DH Poonch, DH Ganderbal, DH Kulgam and CHC Kupwara) and 5 new GMCs (Rajouri, Kathua, Doda, Anantnag, Baramulla) applied for DNB courses. A total of 44 seats have been granted to J&K in various specialties till date.



Out of 133 applications submitted so far by the GMCs & SKIMS/ District Hospitals/ CHCs, 17 applications have been approved and 11 have been inspected and are under process. Against total share of 9790 NBE accredited seats in India, J&K has a share of 44 seats till date.













STRENGTHENING OF NURSING EDUCATION

General Nursing and Midwifery School, Akhnoor

1. Establishment of new Nursing Colleges

Five B.Sc. Nursing Colleges at Anantnag, Baramulla, Sopore, Gangyal (Jammu) and Kishtwar are being established under PMDP to strengthen the availability of nursing services. Construction of the building of the Nursing College at Gangyal (Jammu) is at advanced stage of completion and is expected to be completed during the current financial year. However, the classes have been started on the basis of makeshift arrangement at AMT School, Jammu.

Moreover, Nursing Colleges at Anantnag/Baramulla shall be started during April 2020 and Kishtwar / Sopore by April 2021.



Government ANM training School, Ramban

Establishment of new ANM/ GNM Schools 2.

11 Auxiliary Nurse & Midwife (ANM)/ General Nursing & Midwifery (GNM) Schools have been made functional with the central assistance and 10 more schools will be made operational by September, 2020.

In addition, proposal for upgradation of existing 10 GNM Schools to the level of Nursing College has been submitted to the Ministry of Health & Family Welfare, GOI with cost estimates of 6.00 crore per college.



3. Introduction of B.Sc. Paramedical Courses

09 paramedical courses are being started in the 02 existing and 05 New Medical Colleges. Registration process has been completed with J&K Paramedical Council and University Affiliation is under process. Approximately 600 students will be enrolled for these courses.









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STRENGTHENING OF LEGAL AND POLICY FRAMEWORK ------

1. 10% Reservation in MBBS and BDS for Economically Weaker Sections (EWS)

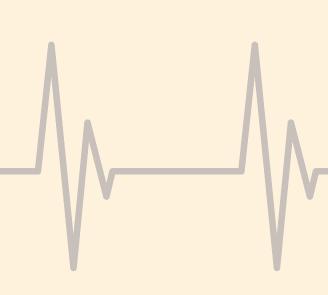
2. Healthcare Investment Policy 2019

The Ministry of Health & Family Welfare, Government of India sanctioned 111 additional MBBS and BDS seats in three Medical Colleges and two Dental Colleges under the scheme of 10% reservation for Economically Weaker Section (EWS) during the financial year 2019-20.

Institute wise breakup of the seats is as follows:

GMC Srinagar (30), GMC Jammu (30) and SKIMS Srinagar (25), GDC Srinagar (13) and GDC Jammu (13) for the academic year 2020-21.

First ever Healthcare Investment Policy, 2019 has been approved for its implementation in J&K. Private parties can establish dedicated medi-cities in the J&K as per guidelines of the policy.



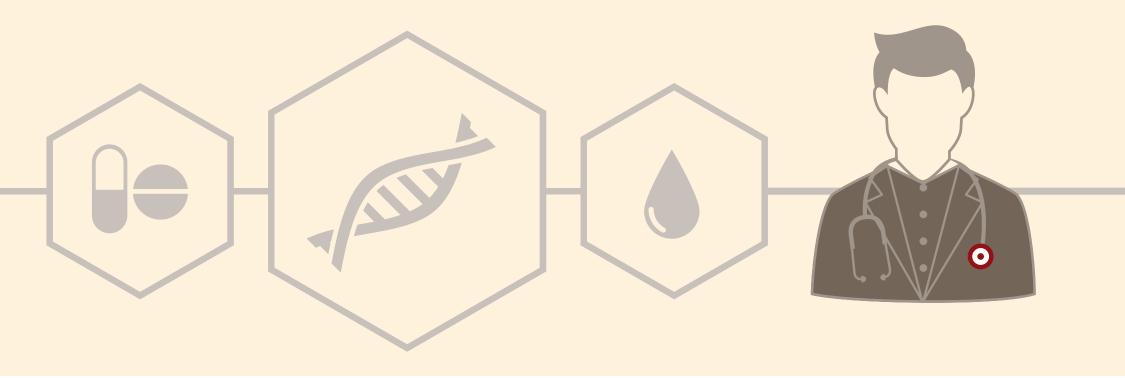
3. Setting up of Medi-Cities in J&K

Approval of State Administrative Council (SAC) was obtained in respect of the policy for 'Setting up of Medi-cities', one each at Jammu and Kashmir Divisions.

Land for establishment of Medi-Cities, one each at Kashmir and Jammu, has been identified at Vijaypur, District Samba (297 kanals) and Awantipora, District Pulwama (300 kanals) respectively.

4. Rolling out of Drug De-addiction Policy

To curb the menace of Drug addiction, the Govt. of Jammu & Kashmir has adopted the Drug Deaddiction Policy in the UT and issued implementation guidelines to ensure minimum standards of care in the Drug De-addiction Centres.









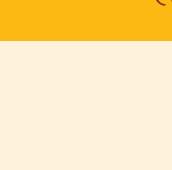
QUALITY ASSURANCE PROGRAM

1. NQAS certification/ LaQshya Certification

Ministry of Health and Family Welfare, Government of India, launched National Quality Assurance Programme to support and facilitate a Quality health care system in the public health facilities. Main focus of the Programme is enhancing satisfaction level among the beneficiary and service providers of the Government Health Facilities, reposing trust in the Public Health System.

National Quality Assurance Standards have been developed keeping in the specific requirements for public health facilities as well global best practices. NQAS are currently available for District Hospitals, CHCs, PHCs and Urban PHCs. Standards are primarily meant for providers to assess their own quality for improvement through pre-defined standards and to bring up their facilities for certification. The National Quality Assurance Standards are broadly arranged under 8 "Areas of Concern"– Service Provision, Patient Rights, Inputs, Support Services, Clinical Care, Infection Control, Quality Management and Outcome. These standards are ISQUA accredited and meets global benchmarks in terms of comprehensiveness, objectivity, evidence and rigour of development.



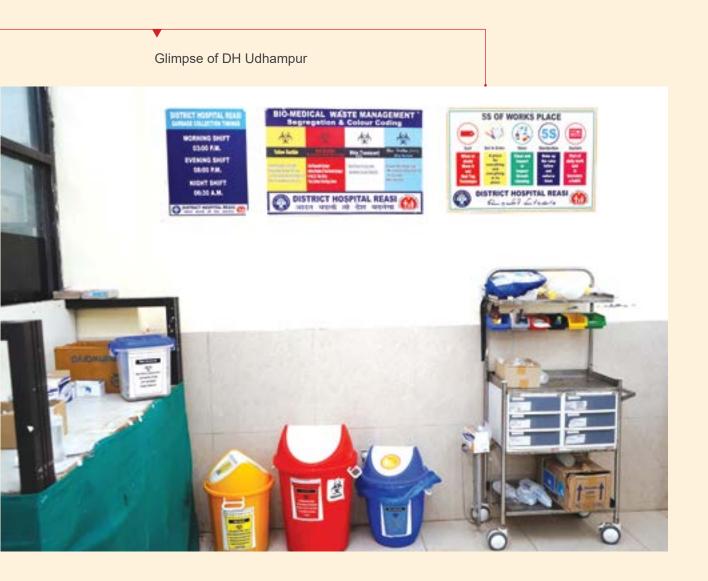


LAQSHYA

74



Quality Assurance is a set of planned systematic activities, which are implemented in a quality system, so that the quality requirements of a product or service would be fulfilled. It essentially entails doing a set of activities that include defining quality standards and assessing, monitoring and improving the quality of services against those standards, so that the care provided is efficient, effective and safe as possible.



Four Principles of Quality Assurance (QA)



Oriented toward meeting the needs and expectations of the patient



Focuses on the systems and processes

Uses data to analyse service delivery processes

QA in Public health is a cyclical process involving following major components



Setting up

standards and

measurable

elements



Assessment of health facilities against the set standards

Analysing the

problems

Points To Remember......



QA is a cyclical process

It is a continuous process, and not a one-time effort



It is an incremental process where improvements are added with each cycle



Encourages a team approach to problem solving and quality improvement



Preparing and implementing action plan



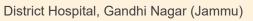
It is primarily an internal process, driven by motivated staff of the facility

Achievements

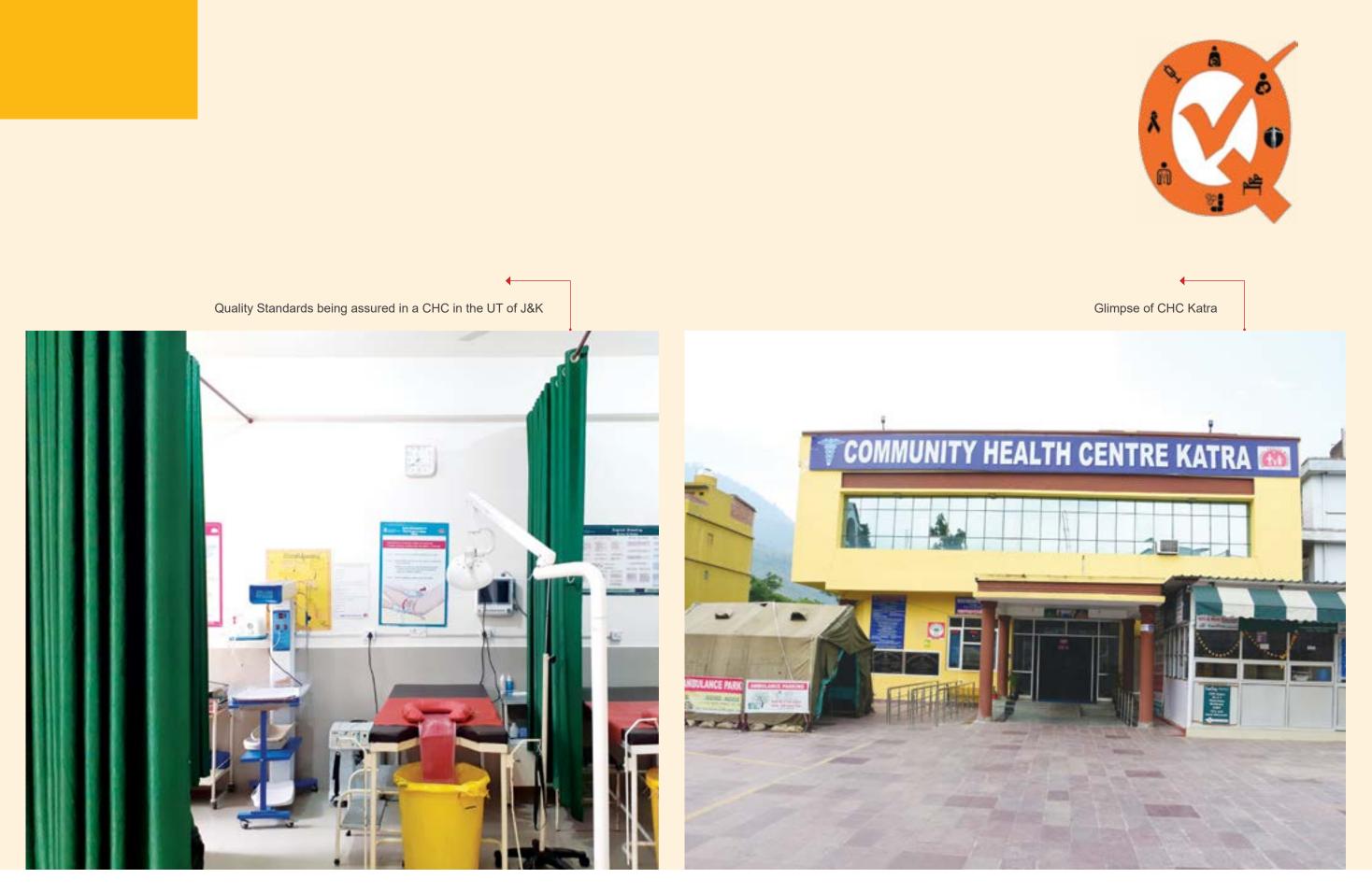
- **District Hospital, Udhampur was the first** district Hospital, Quality Certified on 24th July, 2019 in the UT of J&K. It caters to the population of around 6 lacs from district Udhampur and adjoining districts.
- Govt. Hospital, Gandhi Nagar, Jammu is 2nd 2 **District Hospital of UT which was certified as** Quality Certified on 24th July, 2019.
- The Hospital caters to the needs of the patients 3 coming from the urban as well as rural areas of Jammu Province. CHC Katra is the first CHC in the UT of J&K awarded as Quality Certified under NQAS in the financial year 2020-21.
 - CHC Katra is also first facility in the UT of J&K awarded as LaQshya Certified. This hospital caters to the population of around 47,287 from Katra town and adjoining areas of the block along with thousands of pilgrims.

76

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78





CHC Uri (Winner 2019-20)

Urban PHC Nishat

The objectives of the "Kayakalp" Scheme are



After the launch of Swachh Bharat Abhiyan (SBA) on 2nd October, 2014, Kayakalp initiative was launched by the Ministry of Health & Family Welfare on 15th May, 2015 to complement the efforts of Abhiyan. To promote cleanliness, hygiene and infection control practices in public healthcare facilities, through incentivising and recognising such public healthcare facilities that show exemplary performance in adhering to standard protocols of cleanliness and infection control



To inculcate a culture of ongoing assessment and peer review of performance related to hygiene, cleanliness and sanitation

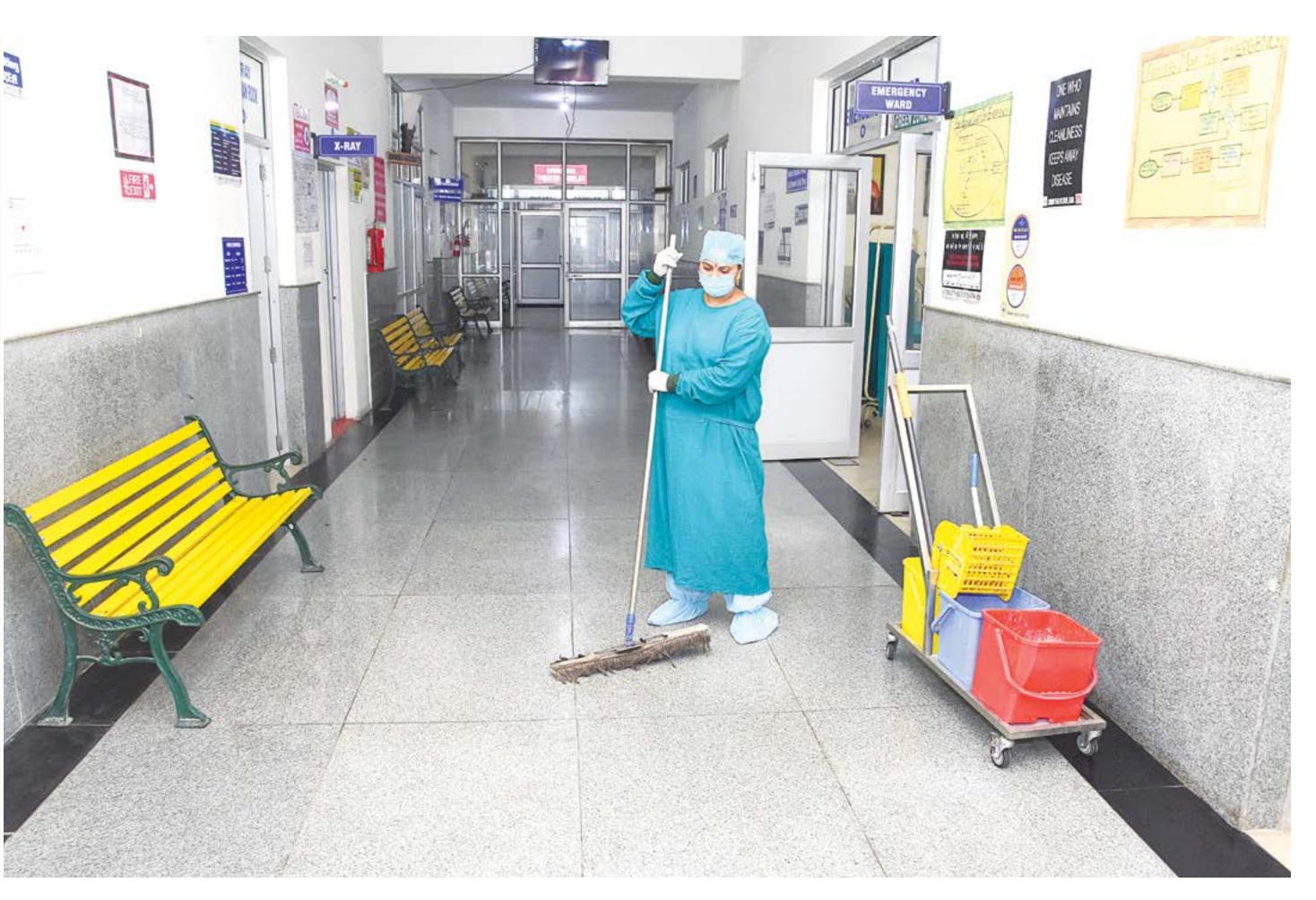


To create and share sustainable practices related to improved cleanliness in public health facilities linked to positive health outcomes

A comparative report of participation year-wise is detailed below:

		Comparative Kayakalp Participation Report Year wise Total No. of facilities					
S.No	Facilities						
		Target	2015-16	2016-17	2017-18	2018-19	2019-20
1	DHs	23	22	23	22	23	23
2	CHCs	84	0	76	69	76	82
3	PHCs 24X7	204	0	204	190	204	200
4	UPHCs	49	0	0	0	49	49
Total		360	22	303	281	352	354

80

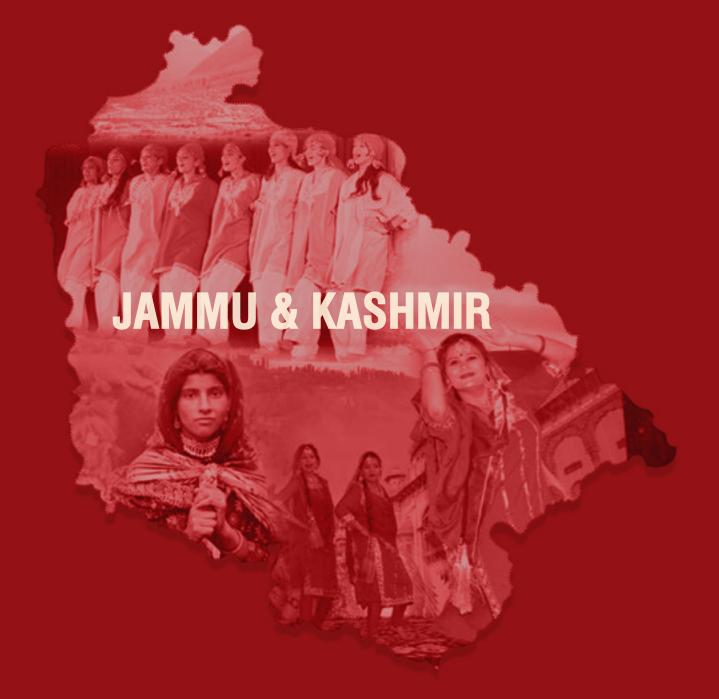








In pursuit of delivering quality health care services which are affordable, accessible and equitable for all.



Department of Health & Medical Education Government of UT of J&K



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