

भारत सरकार  
जल शक्ति मंत्रालय  
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग  
केंद्रीय जल आयोग  
जल प्रणाली अभियांत्रिकी निदेशालय



Government of India  
Ministry of Jal Shakti  
Dept. of Water Resources, RD&GR  
Central Water Commission  
Water System Engineering Directorate

**विषय: समाचार पत्रों की कटिंग का प्रस्तुतीकरण-25-नवंबर-2020**

जल संसाधन विकास एवं सम्बद्ध विषयों से संबन्धित समाचार पत्रों की कटिंग को केंद्रीय जल आयोग के अध्यक्ष के अवलोकन के लिए संलग्न किया गया है. इसकी साफ्ट कापी केंद्रीय जल आयोग की वेबसाइट पर भी अपलोड की जाएगी.

**संलग्नक: उपरोक्त**

**(-/sd)**

**सहायक निदेशक**

**उप निदेशक(-/sd)**

**निदेशक (-/sd)**

**सेवा में**

अध्यक्ष, केंद्रीय जल आयोग, नई दिल्ली

**जानकारी हेतु:** सभी संबन्धित केंद्रीय जल आयोग की वेबसाइट <http://cwc.gov.in/news-clipping> परदेखें



Hindustan Times 25-November-2020

## Chennai braces for Cyclone Nivar



Police personnel manage traffic during heavy rainfall ahead of the expected landfall of Cyclone Nivar in Chennai. The cyclone is expected to make landfall between Mamallapuram and Karaikal on Wednesday evening, according to IMD.

Related story on page 7 PTI

Deccan Chronicle 25-November-2020

# IMD warns of heavy rain in city today, tomorrow

**T.S.S. SIDDHARTH | DC**  
HYDERABAD, NOV. 24

The southern districts of the state would witness rainfall under the influence of Cyclone Nivar, the Indian Meteorological Department-Hyderabad said on Tuesday. Heavy rain was likely to occur at isolated places in Hyderabad, Ranga Reddy and Medchal-Malkajgiri districts on Wednesday, while there is a possibility of very heavy to extremely heavy rain on Thursday.

The cyclone is expected

to cross the Tamil Nadu coast on Wednesday evening. Thunderstorms accompanied with lightning were likely on Friday, the IMD warning said. The districts that were likely to witness rains were Jogulamba-Gadwal, Wanaparthy, Nagarkurnool, Mahbubnagar, Vikarabad, Ranga-reddy, Hyderabad, Medchal-Malkajgiri, Yadadri-Bhongir, Jangaon, Nalgonda, Narayanpet and Khammam.

“Under the influence of these rains the temperature in the state was likely

to come down,” said IMD-H director K. Nagaratna.

IMD’s impact-based weather forecast for Wednesday said: “Light to moderate rain or thundershowers very likely to occur in many parts of city and at times intense spells in one or two areas of city.” It said the maximum and minimum temperature would be about 29° Celsius and 19°C. On Monday, with the minimum temperatures dropping to 15.4°C, one notch less than the norm for this time of the year.

New Indian Express 25-November-2020

## INDIA TO BUILD NEW DAM IN AFGHANISTAN

Jaishankar on Tuesday announced a deal with the Afghanistan government for the Shatoot dam and also phase four of the high impact development projects in the country. "India had just concluded with Afghanistan an agreement for the construction of the Shatoot dam, which would provide safe drinking water to 2 million residents of Kabul city. India had earlier built the 202-km Phul-e-Khumri transmission line that provided electricity to Kabul," the MEA said.

## HC takes serious view of encroachment on Chitlapakkam Lake

EXPRESS NEWS SERVICE

@ Chennai

STRESSING that it would not permit anymore encroachment on the Chitlapakkam Lake, the Madras high court on Tuesday ordered maintenance of status quo of the waterbody until further orders. The two-member bench comprising justices Vineet Kothari and MS Ramesh prohibited construction in any form near the lake and directed the State to file a report as to the extent of the waterbody that has been assigned for other purposes after classifying it as 'Natham Poramboke'.

The court also wondered under what law the State permitted reclassification of the waterbody and also asked that it would reverse all such assignments made from the date of reclassification. Taking note of the fact that over 1 lakh sqft of the waterbody has been reclassified and assigned to the Central Warehousing Corporation, the court said that the corporation is also re-

strained from putting up any new construction in the land.

The court made the observations in a plea moved by S Vaidhyathan seeking restoration of the lake. The petitioner sought for the authorities to acquire the government lands forming part of the Chitlapakkam Lake from the illegal occupants, and restore the lake and its tail-end areas. During monsoon the Chitlapakkam Lake would overflow and that since there

was no proper outlet for the floodwater, it would inundate all main arterial road and layouts of the area surrounding it, causing

untold hardship to the residents who have constructed houses after obtaining due permission and approvals.

The court observed that over 1 lakh sq ft of the waterbody has been reclassified and assigned to the Central Warehousing Corporation. It said that the Corporation is also restrained from putting up any new construction in the land and adjourned the plea by two weeks.





Telangana Today 25-November-2020

[ Looking Forward ]

# GODAVARI WATERS FOR MUSI NO MORE A MIRAGE

KCR planned the Godavari-Musi link when the Kaleshwaram project was redesigned

JBS UMANADH  
HYDERABAD

Chief Minister K Chandrashekhara Rao's announcement of flushing the polluted Musi river with the pristine Godavari waters has obviously stumped the opposition, but the fact is that the Chief Minister had factored it in this plan when he redesigned the mega Kaleshwaram Lift Irrigation Scheme.

The Godavari-Musi is a well-planned component of KLIS that was to serve as a precursor to the Musi River Front project. The interlinking of Godavari with Musi is also expected to substantially reduce groundwater pollution in Hyderabad, Rangareddy, Yadadri-Bhongir and Nalgonda districts.

As per the plan, 700 cusecs of water will be brought to Osman Sagar (Gandipet) and Himayat Sagar from the 15 tmc capacity Kondapochamma Sagar every day. Water from Kondapochamma Sagar positioned at a height of 618 metres above sea level will be released to its canal network and will flow through gravity because of its location. The 127 km Sangareddy canal meant for irrigation and being built on war-footing will bring the Kondapochamma Sagar water to the twin reservoirs of Hyderabad.

KLIS Engineer in Chief (Hyderabad) Hariram Naik told Telangana Today that the Sangareddy canal, in



Works on the 127 km Sangareddy canal meant to bring the Kondapochamma water to the twin reservoirs are progressing at brisk pace.

## Interlinking of Rivers

700 CUSECS OF WATER WILL BE BROUGHT TO OSMAN SAGAR (GANDIPET) AND HIMAYAT SAGAR FROM KONDAPOCHAMMA SAGAR EVERY DAY

Water from Kondapochamma, positioned at a height of 618 metres above sea level, will flow through gravity



Canal flow  
5,054 cusecs  
Irrigation  
4,354 cusecs

Ravilkot Cheruvu to Twin reservoirs  
52 kilometers

Diversion at 27th Kilometer to Ravilkot Cheruvu  
3.5 tmc of Godavari water will fill each reservoir  
Osman Sagar to Himayatsagar link: Gravity or existing pipeline

fact, has been designed to carry 5,054 cusecs, of which 4,354 cusecs will be used for irrigation purposes and 700 cusecs to first cleanse Musi and subsequently fill the Musi reservoir in Nalgonda district with Godavari water. For this purpose, water will be diverted to Ravilkot tank near Shamirpet lake from the 27th km of Sangareddy canal. From Ravilkot, the water will travel to the twin reservoirs in Hyderabad covering a distance of 52 km. The government, however, is working on two options to cover

the 52 km distance.

The Full Reservoir Level of Osman Sagar is 545 metres and water from Kondapochamma Sagar which is at a level of 618 metres will be feasible. Similarly, the FRL of Himayat Sagar is 357.25 metres and sending water from Osman Sagar to Himayat Sagar will also be easy, Naik said, adding that the water works department is also mulling another option of repairing and re-opening an existing pipeline between the two reservoirs.

However, an alternative plan to link Sangareddy

canal with the twin reservoirs is also under consideration. The aim is to divert the water with the help of a 22 km long pipeline from the 104.250 km point of the 127 km Sangareddy canal.

Naik said work on Sangareddy canal had already begun and the diversion of water at Ravilkot to Gandipet will have to be undertaken by the Hyderabad Metropolitan Water Supply and Sewerage Board. "Of the 85 km distance from Kondapochamma Sagar to the twin reservoirs of Hyderabad, the water resources

department will up 27 km of canal work and the HMWSSB will have to complete 52 km of the remaining course," he said. Water resources department is planning to fill Osman Sagar and Himayat Sagar reservoirs with 3.5 tmc each once interlinking of Godavari with Musi is completed. The increase of water levels in the reservoirs is expected to raise the water table in the vicinity. The KLIS water will then be released into Musi to lessen the pollution content and increase dissolved oxygen levels.

Telangana Today 25-November-2020

# IMD warns of heavy rains across State

CITY BUREAU

Hyderabad

The India Meteorological Department, Hyderabad, on Tuesday issued a warning that there could be heavy rains in Hyderabad and across the State as well over the next three days.

According to the IMD, heavy rain was likely to occur at isolated places in several districts including Hyderabad, Ranga Reddy and Medchal-Malkajgiri on Wednesday, while there is a possibility of very heavy to extremely heavy rain on Thursday as well. Thunderstorms accompanied with

**Heavy rain is likely to occur on Wednesday and very heavy to extremely heavy on Thursday in several districts, including Hyderabad, RR, Medchal**

lightning were likely on Friday, the warning said. The districts likely to be affected were Jogulamba Gadwal, Wanaparthy, Nagarkurnool, Mahabubnagar, Vikarabad, Ranga Reddy, Hyderabad, Medchal, Yadadri-Bhongir, Jangaon, Nalgonda, Narayanpet and Khammam.

The sudden change is attributed to a deep depression over the south west Bay of Bengal, which has moved

west-northwestwards and intensified into the cyclonic storm 'Nivar'. This was very likely to intensify further into a severe cyclonic storm during the next 24 hours, an IMD report said.

"It is very likely to cross Tamil Nadu and Puducherry coasts between Karaikal and Mamallapuram around Puducherry around evening on November 25 as a severe cyclonic storm with

a wind speed of 100-110 kmph gusting to 120 kmph," officials said. IMD's impact-based weather forecast for Wednesday said necessary advisory may be issued by municipal corporations for displaying warnings on restricted movement and to remain alert on account of the heavy rains.

Meanwhile, after witnessing quite sultry weather over the last one week, the signs of a cold winter were back in the city on Monday, with minimum temperatures dropping significantly to 15.4 degree Celsius, which is one degree Celsius below normal.



Telangana Today 25-November-2020

[ Severe Storm ]

# 'Nivar' to make landfall today

Nearly 1,200 NDRF rescue personnel deployed in Tamil Nadu, Andhra Pradesh and Puducherry

PTI  
NEW DELHI

Nearly 1,200 National Disaster Response Force (NDRF) rescue personnel have been deployed in Tamil Nadu, Andhra Pradesh and Puducherry and 800 others are on standby in view of cyclone Nivar, the "very severe cyclonic storm" which is expected to make landfall Wednesday evening.

NDRF chief SN Pradhan also said they are prepared for a "high level of intensity and the worst form" of the cyclonic storm as it surges from the Bay of Bengal towards the southern coastline.

"We are keeping a close watch on the development and we are coordinating with the affected States," he told a press conference here. "It is a rapidly developing situation and it could take the shape of a very severe cyclonic storm that has a speed of about 120-130 km per hour," Pradhan said. A total of 50 NDRF teams has been earmarked for combating any situation emerging out of the cyclone that is expected to make landfall late Wednesday evening.

An NDRF team typically comprises about 40 rescue troopers. A total of 22 teams have been pre-deployed while eight are on standby in the two affected States of Tamil Nadu and Andhra Pradesh, and in the Union Territory of Puducherry, Pradhan said.

"Out of these 30 teams, 12 are deployed in Tamil Nadu, seven in Andhra Pradesh and three in Puducherry", he said. An addi-



High tidal waves lash the coast at Mamallapuram where Cyclone Nivar is expected to cross, on Tuesday. — Photo: PTI

tional 20 teams will be on standby to be airlifted from locations such as Cuttack (Odisha), Vijayawada (Andhra Pradesh) and Thrissur (Kerala), he said.

The NDRF chief said the teams are equipped with all communication gadgets, pole and tree-cutters and the personnel have been provided with personal protection kits in view of the Covid-19 situation.

"Our teams will continue to be deployed in the affected areas as long as they are required and they will ensure that situations like heavy rainfall, flooding and waterlogging that follow a cyclonic storm are tackled effectively," he said.

## Kalpakkam nuclear plant all geared up

**CHENNAI:** The atomic power complex in Kalpakkam about 70 km from here is geared up to meet Cyclone Nivar that is expected to cross the coast near Mamallapuram and Karaikal in Puducherry on Wednesday evening, said the top official of the Disaster Management Committee.

He also said the atomic power reactor of Madras Atomic Power Station (MAPS) belonging to Nuclear Power Corporation of India Ltd (NPCIL) will generate power if everything pertaining to the grid is normal.

"We had a review meeting. We are all geared up to meet Nivar. All our diesel gensets are ready to kick in when needed and there are sufficient diesel reserves," Arun Kumar Bhaduri, Director, Indira Gandhi Centre for Atomic Research (IGCAR) and also the Chairman, Disaster Management Committee, Kalpakkam complex.

The Kalpakkam complex about 70 km from here houses various nuclear facilities of IGCAR, NPCIL, Bhabha Atomic Research Centre (BARC) and the fast breeder reactor com-

pany Bharatiya Nabhikiya Vidyut Nigam Ltd (Bhavini).

According to Bhaduri, the disaster management rescue force has been stationed here. "We are also monitoring Nivar's movement continuously on our own and also with the weather department," Bhaduri said. According to him, workers in high rise structures have been asked to stop their work. Meanwhile MAPS said it has activated its cyclone protection machinery. The MAPS have two 220 MW nuclear power units of which one unit is functional. IANS

## 'Nivar to intensify into severe cyclonic storm'



Pedestrians wade through a waterlogged road during heavy rain triggered by Cyclone Nivar in Chennai on Tuesday. Cyclonic storm 'Nivar' moved westwards, about 350 km southeast of Puducherry and 410 km east southeast of Chennai. It is very likely to intensify into a severe cyclonic storm, Indian Meteorological Department said on Tuesday evening. — PTI

■ Report on Page 3

# Nivar may be in 'very severe' category

Storm expected to cross TN, Puducherry coasts today with wind speed of 130km/hr

New Delhi, Nov. 24: Cyclone Nivar is expected to intensify into a "very severe" cyclonic storm and cross Tamil Nadu and Puducherry coasts between Karaikal and Mamallapuram on the late evening of November 25, IMD director general Mrutunjay Mohapatra said on Tuesday.

The India Meteorological Department (IMD) had initially predicted that Cyclone Nivar was likely to intensify into a "severe" cyclonic storm but has now estimated that it will intensify further.

Nivar is the second cyclone in the Bay of Bengal this year. In May, Cyclone Amphan had developed into a "super" cyclonic storm.

"Our forecast is it will intensify into a very severe cyclonic storm by (Tuesday) tonight

"It is very likely to cross Tamil Nadu and Puducherry coasts between Karaikal and Mamallapuram around Puducherry during November 25 late evening as a very severe cyclonic storm with a wind speed of 120-130 kilometres per hour gusting to 145 kmph," Mr Mohapatra said.

Besides strong winds, the cyclone is also expected to bring heavy rains. The India Meteorological Department has issued red alert for coastal and north interior



Police personnel manage traffic on a road during heavy rains triggered by Cyclone Nivar in Chennai on Tuesday. — PTI

Tamilnadu, Puducherry and Karaikal, for November 25, the top meteorologist said.

"Isolated extremely heavy rainfall activity also very likely over coastal and north interior Tamil Nadu and Puducherry (Pudukottai, Thanjavur, Tiruvarur, Karaikal, Nagapattinam, Cuddalore, Ariyalur and Perambalur districts during 24th and Kadalur, Kallakurichi, Puducherry, Villupuram, Tiruvannamalai, Chengalpattu to Ariyalur, Perambalur and Karaikal districts during 25th) and over Nellore and Chittoor

THE IMD has also suggested total suspension of fishing operations and motorboats and small boats, shifting of people residing in coastal areas to safer places, judicious regulation of road, air and rail traffic

BESIDES STRONG winds, the cyclone is also expected to bring heavy rains

districts of Andhra Pradesh on 25th and over Rayalseema and south-east Telangana on November 26," the IMD

said.

He added that cyclone leads to multi-hazard scenario. In event of the cyclone, there could be serious damage to thatched huts, disruption of power and communication lines, damage to roads, uprooting of trees. There could be damage to horticulture crops like banana and papaya.

The IMD has also suggested total suspension of fishing operations and motorboats and small boats, shifting of people residing in coastal areas to safer places, judicious regulation of road, air and rail traffic. — PTI

## Crisis mgmt body reviews preparedness, assures help

New Delhi, Nov. 24: The NCMC on Tuesday took stock of the status of the "very severe" cyclonic storm "Nivar" that is expected to hit coastal areas of Andhra Pradesh, Tamil Nadu and Puducherry on Wednesday, and assure the states of all possible help, including the early release of disaster relief fund.

The National Crisis Management Committee (NCMC), headed by Cabinet secretary Rajiv Gauba, also directed all concerned to continue work aiming at zero loss of life and early restoration of normalcy in the affected areas that include power and communications networks, an official spokesperson said.

The NCMC reviewed the status of impending cyclone Nivar at a meeting held through video conferencing with the chief secretaries of Andhra Pradesh, Tamil Nadu and Puducherry.

The chief secretaries of the three states, directors general of IMD and NDRF briefed the NCMC about their preparedness. — PTI



# Cyclone *Nivar*: Modi assures support to Tamil Nadu, Puducherry CMs

STATESMAN NEWS SERVICE  
CHENNAI, 24 NOVEMBER

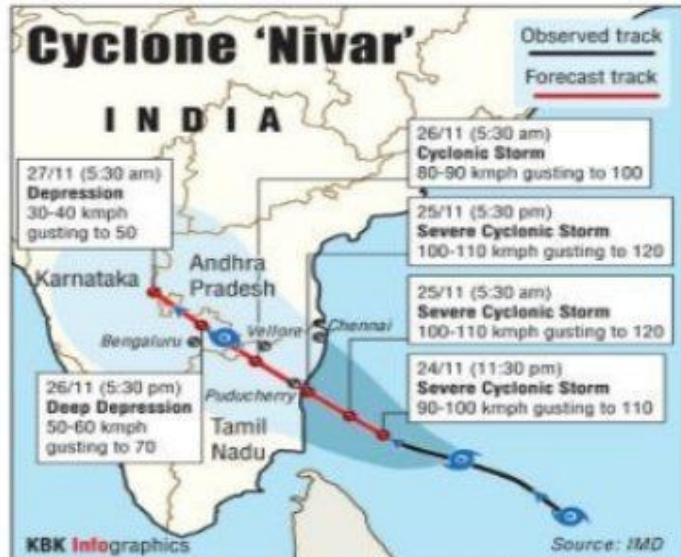
Prime Minister Narendra Modi on Tuesday spoke to the chief ministers of Tamil Nadu and Puducherry ahead of the impending cyclone 'Nivar' that is going to cross into the state and UT by Wednesday.

"Spoke to Tamil Nadu CM Shri @EPSTamilNadu and Puducherry CM Shri @VNarayanasami regarding the situation in the wake of Cyclone Nivar. Assured all possible support from the Centre. I pray for the safety and well-being of those living in the affected areas," the PM tweeted.

TN CM Edappadi K Palaniswami announced a public holiday on Wednesday as cyclone Nivar is expected to make landfall on Wednesday. According to the IMD, cyclone Nivar is likely to cross TN and Puducherry coasts between Karaikal and Mamallapuram late on Wednesday evening. The cyclone will cross as a severe cyclonic storm with a wind speed of 120-130 kmph gusting to 145 kmph, said IMD.

Palaniswami also requested people to stay at home and follow government guidelines. "People should be safe and stay at home. We have cancelled bus services in seven districts for the safety of the public. Not only this, the state will have a public holiday on Wednesday. Government offices will also stay closed since extremely heavy rainfall is predicted," he said.

"People working for essential services will alone report for duty. The decision on extending the leave will be taken based on the scenario after the



cyclone. The government has provided directions to set up relief camps and provide essentials including milk powder for children," he added. He will hold a review meeting in Chennai on Wednesday.

The TN government has also cancelled 24 train services from Egmore to the southern parts of the state. The suburban train services have been partially cancelled since 3pm on Tuesday until 10 am on Wednesday. From 10 am on Wednesday, suburban train services have been fully cancelled until further notice.

The bus services are cancelled in Pudukkottai, Nagapattinam, Thanjavur, Tiruvarur, Cuddalore, Vizhupuram and Chengalpattu from 1 pm of Tuesday.

At 12.30 pm today, the cyclone was 450 kilometres away from Chennai, and the city has been receiving heavy rainfall since today morning. Several populated neighbourhoods, including Parrys Corner and Vyasarpadi were

flooded. Further, beaches, which have been closed since lockdown, are squally, indicative of the approaching storm.

Six teams of National Disaster Response Force (NDRF) are stationed in Cuddalore district while two teams are stationed in Chennai.

Earlier on Monday, Union Cabinet secretary Rajiv Gauba chaired a meeting of the National Crisis Management Committee (NCMC) to review the status of the impending cyclone through video conferencing with the chief secretaries of AP, TN and Puducherry. Gauba had told officials that the NCMC is aiming at "zero loss of life" and early restoration of normalcy in the affected areas. He has ordered strict implementation of the advisories.

A deep depression over southwest Bay of Bengal has intensified into a cyclonic storm, centred about 410 km east-southeast of Puducherry and 450 km southeast of Chennai, said IMD on Tuesday.

Dainik Jagran 25-November-2020

द्विपक्षीय संबंध

जयशंकर ने काबुल में पेयजल की सबसे बड़ी परियोजना लगाने का एलान किया

# अफगानिस्तान की मदद जारी रखेगा भारत

जागरण ब्यूरो, नई दिल्ली: अफगानिस्तान में हालात कुछ अच्छे नहीं हैं। अमेरिकी सैनिकों की वापसी की संभावना तेज होने के साथ ही वहां तालिबान व अफगानिस्तानी सैनिकों के बीच कई शहरों में जंग जैसा माहौल है। भारत पूरे हालात पर पैनी नजर रखे हुए है। तनावग्रस्त हालात के बावजूद भारत ने एलान किया है कि अफगानिस्तान की जनता को मदद संबंधी उसकी परियोजनाओं पर कोई असर नहीं होगा। मंगलवार को विदेश मंत्री एस जयशंकर ने भारत की मदद से अफगानिस्तान की राजधानी काबुल में पेयजल की सबसे बड़ी परियोजना लगाने का एलान किया। भारत अभी समूचे अफगानिस्तान में तीन अरब डॉलर (लगभग 22 हजार करोड़ रुपये) की लागत से 400 से ज्यादा परियोजनाओं में मदद कर रहा है।

वर्चुअल प्लेटफॉर्म पर आयोजित अफगानिस्तान कांफ्रेंस 2020 में

## आपसी सहयोग

- विदेश मंत्री ने कहा-ताजा हिंसा चिंताजनक, जल्द हो संघर्ष विराम
- राष्ट्रपति अशरफ गनी ने मदद के लिए भारत को धन्यवाद दिया



एस जयशंकर ● फाइल फोटो

## सभी 34 प्रांतों में चल रही भारत की मदद से परियोजनाएं

अफगानिस्तान के सभी 34 प्रांतों में भारत की मदद से परियोजनाएं चल रही हैं। 65 हजार अफगान छात्रों को भारत में शिक्षा दी जा रही है। समुद्री सीमा नहीं होने की वजह से अफगानिस्तान को मदद पहुंचाने में आने वाली दिक्कतों का जिक्र करते हुए जयशंकर ने कहा कि भारत व ईरान की मदद से तैयार किया जा रहा चाबहार पोर्ट और भारत के साथ हवाई मार्ग स्थापित होने से हालात काफी बेहतर हुए हैं। चाबहार पोर्ट के जरिये भारत ने अफगानिस्तान को 75 हजार टन गेहूं पहुंचाया है।

अफगानिस्तान के राष्ट्रपति अशरफ गनी ने अरबों डॉलर की मदद और चाबहार पोर्ट के लिए भारत को धन्यवाद दिया। इस कांफ्रेंस का आयोजन अफगानिस्तान के पुनर्निर्माण में मदद देने वाले तमाम देशों और अंतरराष्ट्रीय एजेंसियों की

तरफ से किया गया था। जयशंकर ने अपने संबोधन में अफगानिस्तान में हाल की हिंसक घटनाओं पर चिंता जताई और जल्द जल्द से स्थायी संघर्ष विराम लागू करने का आग्रह किया, ताकि पिछले दो दशकों में वहां शांति स्थापित करने की जो कोशिशें

हुई हैं, उन्हें नुकसान नहीं पहुंचे। उन्होंने बताया कि काबुल सिटी के 20 लाख निवासियों को स्वच्छ पेयजल प्रदान करने के लिए शातूत डैम का निर्माण किया जाएगा। इसके लिए हाल ही में भारत व अफगानिस्तान के बीच समझौता किया गया है।

भारत की मदद से काबुल में निर्बाध बिजली आपूर्ति के लिए 202 किलोमीटर लंबी फुल-ए-खुमरी ट्रांसमिशन लाइन का निर्माण पूरा कर लिया गया है। जयशंकर ने भारत की मदद से 80 करोड़ डॉलर (लगभग 5,929 करोड़ रुपये) की 100 ऐसी परियोजनाओं को मदद का भी एलान किया, जो कई शहरों में स्थानीय निवासियों के जीवन स्तर को बेहतर बनाएंगे।

अफगानिस्तान को पड़ोसी व रणनीतिक साझेदार बताते हुए उन्होंने कहा कि लंबी अवधि में इसके विकास में भारत पूरी मदद करने को तैयार है।



Dainik Jagran 25-November-2020

# कराहती हरनंदी के जख्मों पर मरहम लगाएंगे ग्रीन कैडेट

धनंजय वर्मा • गाजियाबाद

देशभर में पर्यावरण संरक्षण पर काम करने वाली एनवायरमेंट एंड सोशल डेवलपमेंट एसोसिएशन (ईएसडीए) ने हरनंदी नदी को प्रदूषण और अतिक्रमण से निजात दिलाने के लिए कार्य योजना तैयार की है। ईएसडीए हरनंदी के उद्गम से लेकर अंत तक सर्वे कर यह तय करेगा नदी में आने वाला पानी पहले शोधित किया जाए। इतना ही नहीं संस्था की ओर से हरनंदी नदी के संरक्षण के लिए ग्रीन कैडेट (पर्यावरण के लिए काम करने वाले समाजसेवी) बनाए जाएंगे, जो लगातार इसकी सफाई करेंगे।

हरनंदी नदी का उद्गम सहारनपुर जिले के ऊपरी शिवालिक पर्वतमाला से हुआ है। यह नदी करीब 400 किमी लंबी है, सहारनपुर, मुजफ्फरनगर, मेरठ, बागपत, गाजियाबाद, गौतमबुद्धनगर में यमुना नदी में जाकर मिल जाती है। इस नदी में प्राकृतिक बहाव नहीं है। शहरों का वर्षाजल व औद्योगिक इकाइयों



हरनंदी नदी • जागरण

से निकलने वाला वेस्ट ही हरनंदी में बहता है। प्रदूषण और अतिक्रमण से कराह रही हरनंदी नदी का अस्तित्व खतरे में है। पानी इतना प्रदूषित हो गया है कि इसमें जीव रह ही नहीं सकते। घुलनशील आक्सीजन की मात्रा दो मिलीग्राम प्रति लीटर से भी कम रह गई है, जबकि आक्सीजन की मात्रा चार से छह मिलीग्राम प्रति लीटर होनी चाहिए। ऐसे में जलीय

जीव आक्सीजन न मिलने के कारण हरनंदी में जिंदा नहीं रह पाते हैं।

ऐसे काम करेंगे ग्रीन कैडेट: ग्रीन कैडेट इसकी जांच करेंगे कि कहाँ से हरनंदी नदी में दूषित पानी आ रहा है। कहाँ पर अतिक्रमण है। इसके बाद प्रशासन के साथ मिलकर यह तय किया जाएगा कि औद्योगिक इकाइयों व शहर के नालों के दूषित पानी को शोधित कर हरनंदी में छोड़ा जाए।



डॉ. जितेंद्र नागर • फाइल फोटो  
विज्ञानियों ने तैयार की  
हरनंदी के बचाने की योजना

ईएसडीए के राष्ट्रीय महासचिव जितेंद्र नागर ने बताया कि संस्था से जुड़े देशभर के विज्ञानियों ने हरनंदी को स्वच्छ बनाने के लिए कार्य योजना तैयार की गई है। सहारनपुर से लेकर गौतमबुद्ध नगर तक हरनंदी नदी के आसपास रहने वाले युवाओं को ग्रीन कैडेट बनाया जाएगा।

अतिक्रमण को हटाया जाए। अगर कहीं नदी दूषित है तो ग्रीन कैडेट उसकी सफाई भी करेंगे।

Punjab Kesari 25-November-2020



श्रीनगर : ताजा बर्फबारी के बाद घोड़े की सवारी का लुत्फ उठाता पर्यटक तथा (दाएं) लाहौल-स्पीति के किलोंग क्षेत्र में हुई बर्फबारी के बाद का विहंगम दृश्य।