RAINEALL TEMPERATURE & AIR QUALITY IN SELECT METROS VESTERDAY

TEMPERATURE DATA: IMD, POLLUTION DATA: CPCB, MAP: INSAT/IMD (TAKEN AT 18.00 HRS)

Srinagar

Forecast for Wednesday: Heavy Rainfall very likely at isolated

places over Tamil Nadu, Puducherry and Karaikal.

.29.0....17.8

.33.4....25.6

(Rainfall data in mm: temperature in Celsius)

.05 .50 61 .12 .17 30

.14 .91 29 .38 .48 44

.08 .59 46 .85 .15 70

Bengaluru

Sharp-eyed Cartosat-3 to take to the skies today

PSLV-C47 will carry the earth observation satellite and 13 small ones

MADHUMATHI D.S.

Advanced earth observation satellite Cartosat-3, which is due to be launched from the Satish Dhawan Space Centre SHAR at Sriharikota in coastal Andhra Pradesh on Wednesday morning, will have the 'sharpest eye' of civil remote sensing satellites in the

It will be carried by PSLV-C47. Thirteen small satellites of two U.S. customers will be

A 26-hour countdown began for the launch on Tues-

height of around 500 km.

Currently, WorldView-3, a satellite owned by U.S. company Maxar, has the best ground resolution of 31 cm.

So far, the Indian Space Research Organisation (IS-RO) has orbited eight Cartosats since May 2005. Data from most of them, especially the last four Carto-2 series ones, launched in relatively quick succession in the past three years, are exclusively used by the armed forces.

The previous best view from a Cartosat was 65 cm, as put in the last three or four satellites in the Cartosat-2 series - 2C, 2D, 2E and 2F. However, an existing policy allows only government and government authorised agencies to access ISRO's

Mapping the earth

Cartosat-3 is a third generation earth observation satellite with gh resolution imaging capability. A look at some of its features



at Sriharikota. • рті

Uses: Large scale urban planning, rural resource and infrastructure development. coastal land use and land cover Overall mass: Mission life:

The satellite jects that are just The previous best

Only government or government -authorised agencies can access images below a resolution of 1 m

high-resolution imageries below a resolution of 1 m. At 1,625 kg, Cartosat-3 is

been built in, such as a highly agile or flexible camera; high-speed data transmisunusually heavy and more sion, advanced computer than double the mass of the system and new power elecprevious eight in its class. tronics, according to the website Space Skyrocket. Many new technologies have

Most advanced satellite developed in India: Sivan

SPECIAL CORRESPONDENT

Chairman of the Indian Space Research Organisation (ISRO) K. Sivan has termed Cartostat-3 the most complex and advanced satellite India has ever developed.

It is also the satellite with the highest-ever resolution that the ISRO has developed

Speaking to the media here on Tuesday, Mr. Sivan said the 26 hour countdown for the launch of PSLV-C47. which will carry the Cartostat-3 as well as 13 other customer satellites, began on Tuesday morning.

people [three human fi-

gures], vigilance [an Ashoka

Chakra forming an eye], the

law [a shape of a book] and

the judiciary [two tri-color

hands placed below, forming

a unique balance]," it said.

Suggestions for motto

For the motto, none of sug-

gestions made were found

suitable. "The Lokpal has

decided its motto/slogan

based on their own inputs

and discussions held on Oc-

tober 17, 2019," said the bo-

dy, adding that the Bench

unanimously decided the

The Lokpal became func-

tional after the appointment

of its Chairman and mem-

over the preparations, he said the launch would take place at 9.28 a.m. on Wednesday, from the second pad of the Satish Dhawan Space Centre in Sriharikota.

Cartostat-3 is mainly an earth observation satellite, which will provide spatial, spectral and temporal data for various fields including urban planning, agriculture, water resource management, environment and disaster management.

The ISRO chairman said the Chandrayaan-2 orbiter was doing fine and had been producing data which, in turn, was being given to the scientific community for proper analysis.

Expressing satisfaction

Super-30's **Anand Kumar** told to pay ₹50,000

SPECIAL CORRESPONDENT

Bihar-based mathematician Anand Kumar, of Super-30 fame, has been directed to appear before the Gauhati High Court on November 28, besides paying ₹50,000 to the "guardians and student" who appeared for a scheduled hearing on Monday, in a case of cheating against him. The Division Bench issued the directive after they were "displeased at the non-compliance" with a November 19 order directing him to be present before the court on Monday.

observation made at

in observation made at 6.00 p.m., Patna, Bihar recorded an overall air quality index (AQI) score of 419 indicating a moderate level of pollution. In contrast, Shillong, Meghalaya recorded a healthy AQI score of 27.

31.8 20.2

0.8....13.6.....6.1

.34.4....24.8

Air Quality Code: ■ Poor ■ Moderate ■ Good (Readings indicate average AQI) 502: Sulphur Dioxide. Short-term exposure can harm the respiratory system making breathing difficult. It can affect visibility by reacting with other air particles to form haze and stain culturally important objects such as statues

. 406-. 193 .172 . 175 .122

NO2: Nitrogen Dioxide. Aggravates respiratory illness, causes haze to form by reacting with other air particles, causes acid rain, pollutes coastal waters.

CO: Carbon monoxide. High concentration in air reduces oxygen supply to critical organs like the heart and brain. At very high levels, it can cause dizziness, confusion, unconsciousness and even death.

PM2.5 & PM10: Particulate matter pollution can cause irritation of the eyes nose and throat, coughing, chest tightness and shortness of breath, reduced lung function, irregular heartbeat, asthma attacks, heart attacks and prematur death in people with heart or lung disease

Logo, motto introduced for Lokpal

An open competition was conducted, inviting entries for both

SPECIAL CORRESPONDENT

Lokpal Chairman Justice (retired) Pinaki Chandra Ghose on Tuesday launched the new logo for the apex anticorruption ombudsman. A new motto, 'Ma Gridhah Kasvasvidhanam (Do not be greedy for anyone's wealth)', was also adopted.

Lokpal members and its functionaries were present on the occasion.

Entries invited

Earlier, an open competition was conducted, inviting entries for the logo and the motto. A total of 2,236 entries for the logo and 4,705 entries for the motto were



New beginning: Justice (retired) Pinaki Chandra Ghose and other members at the launch. • SPECIAL ARRANGEMENT

A logo designed by Prashant Mishra, a resident of Prayagraj in Uttar Pradesh, was finally selected.

"The logo symbolises how Lokpal protects and cares for the people of India by establishing justice as per law," said an official release.

"The logo figuratively symbolises the essence of Lokpal, with the inclusion of shapes such as the ombudsman [Judges' Bench], the

'Bhopal gas tragedy exemplifies violence on nature'

bers in March.

SIDHARTH YADAV

"Look! That's Gandhi leading us," says Rajagopal P.V., striding steadfast along with a band of 50 padvatris, Indians and others from 10 countries, with a mission to reach Geneva before October 2, 2020.

"We're collecting case studies from the grass-roots to present them to the United Nations," he says, in old Bhopal on Tuesday.

The Jai Jagat yatra, a global peace march, continues from the Union Carbide fac-

tory in the city. Leading from the front is a woman, deftly balancing on her head a pot carrying soil taken from Mahatma Gandhi's samadhi.

"The Bhopal gas tragedy is an example of violence on nature in the name of development. We'll take it up

with the United Nations and tell them to reconsider this model," says Mr. Rajagopal, a founding member of the Ekta Parishad. Traversing 12 countries over 12 months, the band will meet with international institutes to highlight grass-roots issues.

Action to combat global warming inadequate: UNEP

'Countries must cut greenhouse gas emissions three-fold'

SPECIAL CORRESPONDENT

Ahead of the 25th edition of the Conference of Parties (COP) in Madrid in December, the United Nations Environment Programme (UN-EP) has warned that countries' action to combat global warming is inadeq-

On the whole, countries must cut greenhouse gas (GHG) emissions at least three-fold to have a fighting chance at containing the severest effects of global warming.

"Unless global greenhouse gas emissions fall by 7.6% each year between 2020 and 2030, the world will miss the opportunity to get on track towards the

Paris Agreement," says a at preventing temperatures statement accompanying from rising more than one

Anticipated emissions

Every year, the UNEP assesses the gap between anticipated emissions in 2030 and levels consistent with the 1.5°C and 2°C targets of the Paris Agreement.

The report finds that greenhouse gas emissions had risen 1.5% per year over the last decade and emissions in 2018, including from land-use changes such as deforestation, hit a new high of 55.3 gigatonnes of CO2 equivalent. Global temperatures have already risen about 1°C since pre-industrial times and negotiations,

1.5°C temperature goal of the such as the COP, are aimed degree. Current commitments by countries will see temperatures rise by 3.2°C over pre-industrial levels.

> 'Bleak findings' According to the report, the

> summary findings are bleak. collectively "Countries failed to stop the growth in global GHG emissions. Deeper and faster cuts are now required."

India is the third-largest emitter behind the United States and China respectively. India's per capita emissions, however, are significantly below the United States, China and many

BHARAT DYNAMICS LIMITED

overnment of India Enterp MINISTRY OF DEFENCE GACHIBOWLI, HYDERABAD-500 032.

Dt: 27.11.2019 Ref: BDL/CC/OT/GT/021/2019-20 **e-Procurement abridged tender notice** <u>Inviting Indigenous Competitive Bidding</u>

SI.No. Tender ID Description 61612 Supply, installation & commissioning of Vibration Machine Supply, Installation and Commissioning of HVAC for 61548 New Invar Non-Explosive Building Supply, Installation and Commissioning of chiller 3 61549 and Electrical Panel for Reciprocating Chiller

Please visit website https://bdltenders.abcprocure.com for further details. Bids should be submitted online only "Corrigendum if any shall be issued through our e-portal only and not

in Newspapers". Addl. General Manager (Corp. Comml.)

Tamil Nadu Handicrafts Development Corporation Limited (A Government of Tamil Nadu Handicrafts Development Corporation Limited (A Government of Tamil Nadu Undertaking) Corporate Office : 759, Anna Salai, Chennai-600 002

Tender Reference: THDC/937/IT/19-20 dated 27.11. 2019 Sealed tenders are invited for the "Design Research and Development Centre (DRDC) Services" for Tamil Nadu Handicrafts Development Corporation Ltd (THDC). For more details, the Tender documents may be downloaded from websites http://www.tenders.tn.gov.in and http://www.tnhdcltd.com freely and referred.

Rs.50.000 (Rupees Fifty Thousand only) Earnest Money Deposit (EMD) amount by way of Demand Draft drawn in favour of "Tamil Nadu Handicrafts Developmen Corporation Ltd" payable at Chennai Pre-bid meeting On 06.12.2019 at 4.00 P.M Due date and time of Sealed Tenders should be submitted submission of sealed tenders on or before 11.12.2019 at 3.00 PM 11.12.2019 up to 1.00 PM Tender Document On 11.12.2019 at 4.00 PM Tender & Technical Bid. DIPR/4565/Tender/2019

KARNATAKA STATE WAREHOUSING CORPORATION "Bheeja Bhavan Building", 4th & 5th Floor, Bellary Road, Hebbal, Bengaluru - 560 024. Tel: 080-23415679

Chairman & Managing Director

Managing Director, KSWC.

Fax: 080-23415672 Website: www.karnatakastatewarehous No:KSWC/TECH/ALP-Tender-82/3225/2019-20 Date: 26.11.2019 **SHORT TERM Re 'e' -TENDER NOTIFICATION (Call-2)** Tenders are invited through online e-Procurement portal from the licensed manufacturers for supply of Aluminium Phosphide Tablets 25,000 Kgs to the Regional Managers offices located at Mysore, Bangalore, Shimoga, Davanagere, Hubli, Kalburagi and Raichur in the state. Tenders are invited as per the Karnataka Transparency in Public Procurement Act-1999 and Rules 2000. Accordingly the two cover bid system consisting of Technical bid and Financial bid shall be followed. The Last Date & Time for submission of Tenders through online e-procurement portal: 06.12.2019 upto 4.00 PM. Interested tenderers may contact website: www.eproc.karnataka.gov.in & <u>www.kswc.in</u> or help desk No:080-23010900/23010901 or I this office.

DIPR/DDU/1727/2019-20

नारियल विकास बोर्ड **Coconut Development Board**

Scheme for Market promotion

Coconut Development Board is extending support for brand promotion to manufacturers of branded coconut products. Details of the scheme is available in the website at the following link http://www.coconutboard.gov.in/docs/appl-brand-build-support. pdf Interested entrepreneurs may kindly submit the proposals for market promotion of their branded coconut products in the prescribed format to Chairman, Coconut Development Board Kera Bhavan, Kochi – 682011.

द्वाच - आएके स्वास्थ्य के लिए रोजाना खराक Kisan Call Centre Toll Free Number : 1800-180-1551

GOVERNMENT OF INDIA NATIONAL BOARD FOR HIGHER MATHEMATICS **DEPARTMENT OF ATOMIC ENERGY** MUMBAI-400001

Advt. No.19-A/IMSc/2019

Date: 26-11-19

THE NBHM DOCTORAL SCHOLARSHIP SCHEME 2020 ANNOUNCEMENT OF THE WRITTEN TEST

The National Board for Higher Mathematics (NBHM), DAE, invites applications exclusively online on the portal https://nbhmscholarships.in for its Doctoral Scholarship Test to be held on Saturday, 25 January 2020. The test is the first of two steps in the selection process for the NBHM Doctoral Scholarship given to support pursuit of research leading to the Ph.D. Degree in Mathematics / Applied Mathematics. The test scores are also used by the following institutions to screen candidates for entrance to their Ph.D. / Integrated Ph.D. programmes: Harish Chandra Research Institute (HRI), Allahabad; Indian Institute of Science Education and Research (IISER), Mohali; Indian Institute of Science Education and Research (IISER), Pune; National Institute of Science Education and Research (NISER), Bhubaneswar; and The Institute of Mathematics Sciences (IMSc), Chennai For further details, please visit https://www.imsc.res.in/~nbhm/

REGISTRAR IMSc, Chennai

NPCL NOIDA POWER COMPANY LIMITED CIN: U31200UP1992PLC014506

Notice Inviting Bids for

Procurement of Power on Short Term basis

Bids are invited by "Noida Power Company Limited having its registered office at Electric Sub-station, Knowledge Park-IV Greater Noida - 201310 (U.P.)" for procurement of 100 MW during 00-02 & 19-24 Hrs. from 01.04.2020 to 31.10.2020 (except Sundays) as per the Guidelines of Ministry of Power, Gol dated 30.03.2016. Bid Document is available on www.mstcecommerce.com.

The Company reserves the right to reject all or any of the Bids or cancel the bidding process at any stage without assigning any reasons whatsoever and without any liability.

For any clarification, contact at e-mail id powertrading@noidapower.com or mobile no. 9718804966.

BENGALURU

the secondary payloads.

day morning. One of Cartosat-3's cameras offers a ground resolu-

tion of 25 cm – this means it can pick up an object of a minimum of that size from a

Cartoonist Sudhir Dhar dies at 87

IN BRIEF

Renowned cartoonist Sudhir Dhar, whose works have graced several newspapers in a career spanning 58 years, died on Tuesday after suffering a cardiac arrest, his family said. He was 87. Dhar began his career with The Statesman in 1961, after which he moved to Hindustan Times. His cartoons have also appeared in The Independent, The Pioneer, Delhi Times, New York Times, Washington Post and Saturday Review, among

Mamata. Governor trade charges in Assembly

The acrimony between the TMC government and the West Bengal Governor reached the Assembly on Tuesday, with Chief Minister Mamata Banerjee and Mr. Dhankar taking swipes at each other during an event to observe the Constitution Day

ED takes over assets of Kashmiri businessman

The ED has taken into possession immovable properties worth ₹6.20 crore of Kashmiri businessman Zahoor Ahmad Shah Watali in a terror funding case. The case is against Lashkar-e-Taiba founder Hafiz Saeed and others. "Action has been taken under the Prevention of Money Laundering Act," an

Boycott of Sangai to continue: Manipur body

Notwithstanding the talk between Union Home Minister Amit Shah and the team from Manipur, the Coordinating Committee on Manipur Integrity announced on Tuesday that the boycott of the Sangai festival would

CBSE moots new question paper pattern

PRESS TRUST OF INDIA

The Central Board of Secondary Education (CBSE) would introduce major changes in the pattern of question papers for classes 10 and 12 by 2023 to boost creative, critical and analytical thinking among students.

It is the need of the hour keeping in mind the country's future, CBSE Secretary Anurag Tripathi said at the school education summit organised by the Associated Chambers of Commerce and Industry of India (ASSOCHAM). "While this year, students of Class 10 will get 20% objective questions and 10% questions based on creative thinking, by 2023, question papers for classes 10 and 12 will be based on creative, innovative and critical thinking," he said. Vocational subjects do not find takers in India, he said.

Trace women from Ashram: HC

SPECIAL CORRESPONDENT

The Gujarat High Court on Tuesday directed the State police to trace two women who went missing from the Nithyananda Ashram in Ahmedabad. The court was acting on a habeas corpus petition filed by the women's father Janardhan Sharma.

A Division Bench of Justices S.R. Brahmbhatt and A.P. Thaker directed the police to consult Interpol and the Ministry of External Affairs, as well as other agencies, to find the two women, ensure their protection, and assure them that their will would be respected. The court has posted the matter for December 10.

Bid Reference No. GUDA/WAX MUSEUM/01/2019- 2020

RFP for Development and Management of a State-of-the Art Wax museum at Kakinada on Design, Build, Operate and Manage basis.

Tender document can be downloaded from www.guda.ap.gov.in Sd/- Dr. R. Amarendra Kumar, Vice-Chairman, GUDA, Kakinada

MADRAS FERTILIZERS LIMITED Manali, Chennai 600 068 e-TENDER NOTICE

Last date for Name of Tender submission Supply of 12" Sch 40 Carbon 11.12.2019 Steel Seamless Pipe at 16.00 hrs For further details, please visit our website: www.madrasfert.co.in or

Corrigendum, if any, will be issued in the above

https://eprocure.gov.in/eprocure/app

DELHI JAL BOARD, GOVT. OF NCT OF DELHI PFFICE OF THE EE (PLANNING) WATER-II 401, VARUNALAYA PHASE-I, JHANDEWALAN KAROL BAGH, NEW DELHI-110005 Phone: 011-23672380-82 Extn 206

websites only

Potondor Natica No: 01/Pla W II/2010 20

PRESS Retender Notice No:- U1/Pig-W-II/2U19-2U			
Name of Work	Tender Amount/ Earnest Money/ Tender Fee	Date of release of Tender in e-procurement system/ ID No.	Last date/time of receipt of tender through e-procurement system
Engagement of 3rd Party Inspection Agency for DJB works over 1 crore for a period of 5 years	Item Rate/ Rs. 10 Lakh/ Rs. 1500/-	25.11.2019/ 2019_ DJB_184400_1	18.12.2019 upto 3.00 pm

Further details in this regard can be seen at website https://govtprocurement.delhi.gov.ir Issued By P.R.O. (Water) Executive Engineer (PLG.) W-II Advt.No.J.S.V581/2019-20