



Maradu flats demolition to begin on January 11

KOCHI
H2O Holy Faith would be the first of the four Maradu apartments in Kerala that would be pulled down for violating the Coastal Regulation Zone norms. As per the revised plans, the apartment will be demolished using controlled implosion on January 11.

DRDO successfully tests quick reaction missile

NEW DELHI
The Defence Research and Development Organisation successfully conducted twin tests of the Quick Reaction Surface to Air Missile (QRSAM) from the Integrated Test Range in Chandipur off the Odisha coast on Monday morning.

South has higher prevalence of mental disorders: study

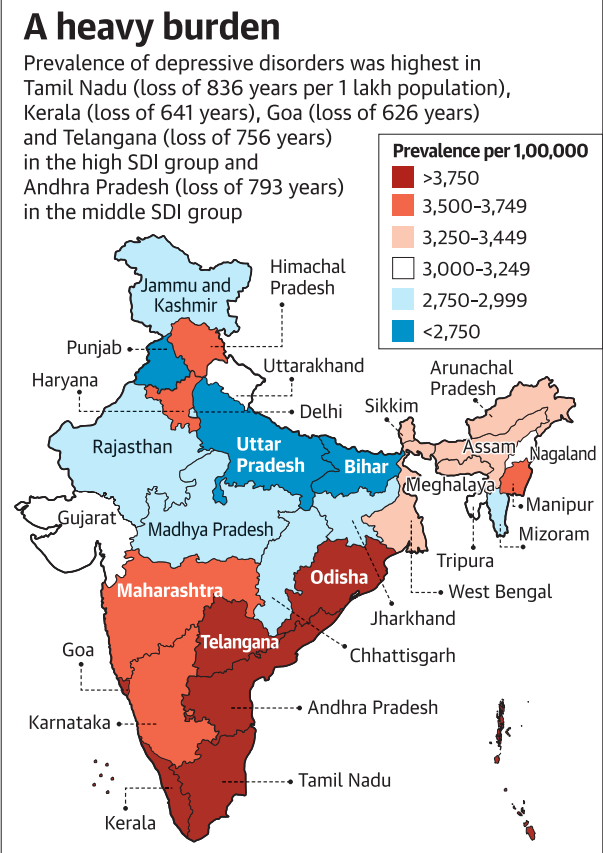
Report finds one in seven, or 197 million, Indians suffered from mental health issues in 2017

JAGRITI CHANDRA
NEW DELHI
Tamil Nadu, Kerala, Telangana, Karnataka and Andhra Pradesh account for a higher prevalence of mental disorders that manifest primarily during adulthood in depression and anxiety, according to the first comprehensive estimates of disease burden attributable to mental health from 1990 prepared by the India State-Level Disease Burden Initiative and published in the *Lancet Psychiatry*.
The study finds that roughly one in seven Indians, or 197 million persons, suffered from mental disorders of varying severity in 2017.

These include depression, anxiety disorders, schizophrenia, bipolar disorders, idiopathic developmental intellectual disability, conduct disorders, and autism. Importantly, the contribution of mental disorders to the disability adjusted life year

(DALY) – the sum of total years of life lost and years lived with disability – has doubled between 1990 and 2017 increasing from 2.5% to 4.7%. Mental disorders were the second leading cause of disease burden in terms of years lived with disability (YLDs) and the sixth leading cause of disability-adjusted life-years (DALYs) in the world in 2017.
In total, 45.7 million people had depressive disorders, as one in three years lost due to a mental disorder was due to depression. This was followed by anxiety – a total of 44.9 million people suffered from it and it accounted for the loss of 1 in 5 years.
Three categories
In its State-wise analysis, the study divides different States into three categories on the basis of their socio-demographic index (SDI), i.e low, medium and high SDI States. The SDI is a composite mea-

sure of per-capita income, mean education, and fertility rate in women younger than 25 years and is calculated on a scale of one.
Prevalence of depressive disorders was highest in Tamil Nadu (loss of 836 years per 1 lakh population), Kerala (loss of 641 years), Goa (loss of 626 years) and Telangana (loss of 756 years) in the high SDI State group and Andhra Pradesh (loss of 793 years) in the middle SDI State group.
Similarly, anxiety disorders were found to be more common in Kerala (loss of 383 years per 1 lakh population), Himachal Pradesh (loss of 329 years), Tamil Nadu (loss of 325 years), Karnataka (loss of 324 years), Telangana (loss of 324 years) and Maharashtra (loss of 324 years) in the high SDI State group and Andhra Pradesh (loss of 328 years), Manipur (loss of 360 years), and West Bengal (loss of 331 years) in the middle SDI State group.



‘Road fatalities high among young men’

SPECIAL CORRESPONDENT
NEW DELHI
Road injury was the leading cause of death in India among 15 to 39-year-old men in 2017 and was the second leading cause for both sexes combined, according to the findings of the India State-Level Disease Burden Initiative published in the *Lancet Public Health*.
The study gives the first comprehensive population-level estimates of road injury deaths by type of road users in each State.
Of the 2,19,000 road injury deaths in India in 2017, 77% were of men, with the death rate three times higher as compared to women. The death rate standardised for age was 17.2 deaths per 1 lakh population, but it was 25.7 deaths per 1 lakh male population and 8.5 deaths per 1 lakh women.
In 2017, pedestrians in India accounted for 35.1% (76,729) of all deaths due to road injuries and older adults were the largest casualties. Motorcyclists accounted for 30.9% (67,524) of all road fatalities, motor vehicle occupants accounted for 26.4% (57,802) and cyclists 7% (15,324) of road fatalities.
Motorcyclist and cyclist road injury death rates were 69% and 33% higher in India as compared to the global average.
The study noted that if the estimated trends of road injury deaths up to 2017 were to continue, none of the States are likely to meet the SDG 2020 target of reducing such deaths by half from 2015 to 2020 or even by 2030.

Army officer awarded for developing bulletproof jacket

Suit, which is named Sarvatra Kavach, provides protection from neck to ankle and upper arms: official

DINAKAR PERI
NEW DELHI
In 2014, Maj. Anoop Mishra was hit by a bullet while serving in Kashmir valley. Luckily, the bullet hit his armour plate but he went through deep trauma following which he decided to work on developing an armour that can withstand hits from all kinds of ammunition.

On Monday, he was felicitated by Army chief Gen. Bipin Rawat with the Army Design Bureau (ADB) excellence award for indigenously developing *Sarvatra* bulletproof jacket that can provide protection against various ammunition including that of sniper rifles.
Maj. Mishra is presently posted as Instructor at the College of Military Engineer-



Army chief General Bipin Rawat and his deputy General M.M. Naravane in New Delhi on Monday. **■ ANI**

ing, Pune. He was among the four awardees felicitated by Gen. Rawat.

Sanctioned in 2017
The project was sanctioned in June 2017 and initially the design and development of a Level IIIA soft body armour suit was sanctioned and was subsequently revised to in-

clude a Level IV hard armour panel inserts, an officer explained. “The suit was named Sarvatra Kawach, it provides protection from neck to ankle and upper arms,” he said.
Addressing the seminar held by the ADB on “Technologies for Non Contact Warfare”, Gen. Rawat called

on the industry to develop dual-use technologies. “A large number of equipment has now been changed to commercial specifications so that what is built by the industry if it is not ordered by the military and the orders are sinking they can go for civil use.”

Military specifications
Giving examples, he said tyres used in the Army vehicles are of military specifications and different from those used by civil vehicles. And so is the case with batteries and generators.
The ADB was set up to liaise with the industry and the academia and develop indigenous solutions for the Army which saw some progress in the last couple of

years. Gen. Rawat stressed on the growing importance of non-contact in future wars and flagged cyber, space and Artificial Intelligence (AI) as the focus areas.
In line with this was technology on display by a team from the Military College Of Electronics and Mechanical Engineering (MCME), Secunderabad on the use of AI for carrying out predictive maintenance of helicopter engines, which is under development.
The Defence Research and Development Organisation also put up a few technologies under development one of which was a Laser Ordnance Disposal System (LORDS) which uses high-energy laser beams to destroy far away ordnance.

Weather, stir hit domestic GoAir flights

SPECIAL CORRESPONDENT
MUMBAI
GoAir on Monday cancelled several domestic flights on its network. While the airline declined to cite an exact number, officials said there were about 18 cancellations.
“A combination of factors such as inclement weather, low visibility and anti-CAA protests in certain parts of the country have disrupted multiple flights across GoAir’s network. This was further aggravated with flight duty time limitations for the crew,” a GoAir spokesperson said in a statement. Delhi, Mumbai, Bengaluru, Kolkata and Patna airports were affected.

‘Judge conduct of judicial officers strictly’

Must keep litigant’s faith intact, says SC

LEGAL CORRESPONDENT
NEW DELHI
A judicial officer in the subordinate courts performs a “pious duty” in the service of justice. The standards of probity, conduct and integrity of a judicial officer in discharge of his duties are not the same of a careerist, who is only bothered about advancement in his profession, the Supreme Court said in a recent judgment.
A Bench of Justices Ashok Bhushan and Navin Sinha pronounced the judgment in an appeal filed by Ram Murti Yadav, who was an additional district and sessions judge in Uttar Pradesh. In 2007, Justice Yadav acquitted the accused in a criminal case. A vigilance inquiry into his conduct gave an unfavourable report in 2012. A judicial committee ordered his compulsory retirement in 2016. The State High Court dismissed his appeal.
The SC said it was necessary that the ordinary litigant’s faith in the judiciary is kept intact. Even creating a perception to the contrary may have damaging consequences.
“The yardstick for judging the conduct of the judicial officer, therefore, has necessarily to be strict. Having said so, we must also observe that it is not every inadvertent flaw or error that will make a judicial officer culpable,” the SC observed.

WEATHER WATCH

RAINFALL, TEMPERATURE & AIR QUALITY IN SELECT METROS YESTERDAY













TEMPERATURE DATA: IMD, POLLUTION DATA: CPCB, MAP: INSAT/IMD (TAKEN AT 17:00 HRS)

Forecast for Tuesday: Cold day to severe cold day conditions very likely in many pockets over Punjab, Haryana, Chandigarh & Delhi and cold day in isolated pockets over Uttar Pradesh. Cold wave condition very likely in North Rajasthan.

CITY	RAIN	MAX	MIN	CITY	RAIN	MAX	MIN
Agartala	...	22.5	12.4	Kozhikode	...	33.6	25.0
Ahmedabad	...	28.0	17.8	Kurnool	...	30.2	19.2
Aizawl	...	18.2	...	Lucknow	...	17.3	7.2
Allahabad	...	24.2	9.0	Madurai	...	31.1	23.3
Bengaluru	...	27.6	18.1	Mangaluru	...	35.8	23.0
Bhopal	...	24.3	11.8	Mumbai	...	34.6	22.2
Bhubaneswar	...	27.6	17.1	Mysuru	...	28.0	17.2
Chandigarh	...	12.0	9.1	New Delhi	...	14.3	8.3
Chennai	...	30.1	21.2	Patna	...	20.4	10.4
Coimbatore	...	28.9	21.0	Port Blair	...	30.9	25.4
Dehradun	...	22.2	6.8	Puducherry	...	29.5	20.1
Gangtok	6.4	Pune	...	29.2	17.3
Goa	...	34.2	24.4	Raipur	...	28.3	18.8
Guwahati	...	20.7	12.9	Ranchi	...	22.6	12.8
Hubballi	...	29.0	19.0	Shillong	...	14.4	...
Hyderabad	...	27.3	17.4	Shimla	...	14.1	3.6
Imphal	...	22.2	5.8	Srinagar	...	8.7	0.8
Jaipur	...	24.0	7.0	Thiruvananthapuram	...	32.8	24.4
Kochi	...	32.0	25.6	Tiruchi	...	30.6	22.4
Kohima	...	15.8	5.6	Vijayawada	...	29.7	20.2
Kolkata	...	23.5	14.4	Visakhapatnam	...	29.2	22.2

(Rainfall data in mm; temperature in Celsius)

Pollutants in the air you are breathing						Yesterday
CITIES	SO ₂	NO ₂	CO	PM2.5	PM10	CODE
Ahmedabad.....	51	21	21	103	95	
Bengaluru.....	10	58	36	
Chennai.....	16	48	64	162	...	
Delhi.....	7	171	94	388	268	
Hyderabad.....	17	56	38	221	...	
Kolkata.....	10	74	51	329	220	
Lucknow.....	4	...	76	313	...	
Mumbai.....	16	37	58	259	178	
Pune.....	69	20	98	208	137	
Visakhapatnam.....	8	37	49	161	...	

In observation made at 4.00 p.m., Patna, Bihar recorded an overall air quality index (AQI) score of 422 indicating a severe level of pollution. In contrast, Floor Keral recorded a healthy AQI score of 48.

Air Quality Code: **■** Poor **■** Moderate **■** Good (Readings indicate average AQI)
SO₂: 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 and monuments.

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 premature death in people with heart or lung disease

NIA searches NSCN(IM) member's residences

SPECIAL CORRESPONDENT
NEW DELHI

The National Investigation Agency (NIA) conducted searches in Delhi and Nagaland at the residence of Alemla Jamir, a member of the steering committee of the NSCN(IM) that is involved in peace talks with the Centre.

The NIA has accused Ms. Alemla Jamir of transporting terror funds from Delhi to Nagaland on the instructions of Icrak Muivah, wife of T. Muivah of the Isak-Muivah faction of the NSCN(IM).

Nagaland Governor R.N Ravi is engaged in final round of negotiations with Mr. Muivah and other Naga groups for the Naga peace deal.

The NIA re-registered a case on December 20, initially being probed by the Special Cell of the Delhi police. The NIA said Ms. Jamir was detained at the Delhi airport on December 17 with ₹72 lakh by the Income Tax authorities. She was later arrested by the Special Cell.

“The case relates to terror funding of NSCN(IM), wherein funds were being taken by the cash courier Alemla Jamir from Delhi to Nagaland on the instructions of Icrak Muivah, wife of Muivah, general secretary of the NSCN (IM),” the NIA said in a release.

It said searches conducted at the house of Ms. Jamir had led to the recovery of four bulletproof jackets, 28 rounds of prohibited ammunition, one drone, Naga Army uniforms, prohibited wildlife articles, incriminating diaries, photographs, and digital devices including Chinese smart phones, video recorders, spy cams and hard disks.