

News and Views...

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Chennai Trade Centre, Chennai, INDIA



a Hyve event

6 - 9 | DECEMBER 2021

Pragati Maidan, New Delhi, India

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INDUSTRY NEWS



India's Covid Recovery Rate Over 92%, Case Fatality Rate At 1.49%: Centre

The Union Ministry of Health and Family Welfare on Wednesday informed that the country's recovery rate reached 92.09 per cent while the case fatality rate stands at 1.49 percent.

53,357 patients have recovered and discharged in the last 24 hours, taking the overall recoveries to 76,56,478, according to the Union Health Ministry's release.

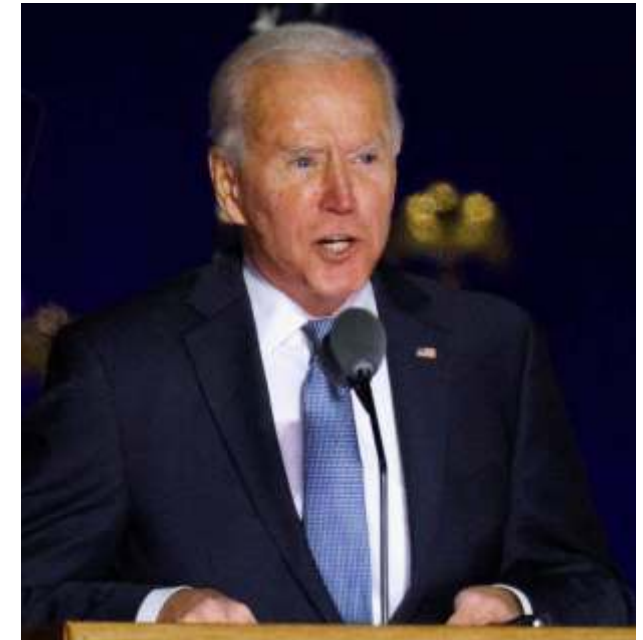
80 per cent of the new recovered cases are observed to be concentrated in 10 States and Union Territories. Kerala is leading with more than 8,000 single day recoveries followed by Karnataka with more than 7,000 recoveries.

On Wednesday, India's coronavirus tally crossed 83-lakh mark after new 46,254 infections were reported in the past 24 hours. The coronavirus cases in the country continue to decline further but the overall infections reached 83,13,877 including 5,33,787 active cases.

76 per cent of the new confirmed cases are from 10 States and UTs. Kerala and Delhi have contributed the maximum to the new cases with more than 6,000 cases each, the ministry said.

514 case fatalities have been reported in the past 24 hours. Of these, nearly 80 per cent are concentrated in ten States/UTs.

- NDTV



US election results 2020: Latest developments

President-elect Joe Biden declared it was "time to heal" a deeply divided America in his first speech after prevailing on Saturday in a bitter election, even as president Donald Trump refused to concede.

Biden's victory in the battleground state of Pennsylvania put him over the threshold of 270 electoral college votes he needed to clinch the presidency, ending four days of nail-biting suspense and sending his supporters into the streets of major cities in celebration.

However, Donald Trump stated that the election was "far from over" and promised legal challenges by his re-election campaign

- *The Times of India*



Explained: What does President-elect Joe Biden mean for India and its relationship with the US?

Democrat Joe Biden has been declared the winner of the 2020 US presidential election, defeating Donald Trump, according to news agency The Associated Press.

So, will Joe Biden be good for India?

This is something every Indian wants to know. Here is what his stance could be like in some key areas, judging by his past record and statements.

Has Joe Biden been a friend of India?

Much before he became Vice President in the Barack Obama administration, Biden had advocated a stronger relationship with India. Biden played an important role, both as Chairman of the Senate Foreign Relations Committee and later as Vice President, in systematically deepening strategic engagement with India.

In fact, in 2006, three years before he became the Vice-President of the US, Biden announced his vision for the future of US-India relations: “My dream is that in 2020, the two closest nations in the world will be India and the United States,” he had said.

Although (then) Senator Obama was initially hesitant to support the Indo-US nuclear deal, Biden led the charge and worked with both Democrats and Republicans, to approve the nuclear deal in the US Congress in 2008.

What was his contribution during his term as VP in the Obama administration?

Biden was one of the key advocates of strengthening the Indo-US partnership, especially in strategic areas. During that time, the US officially declared its support for India’s membership in a reformed and expanded United Nations Security Council. This had been a key demand of successive Indian governments, which was fulfilled by Washington during Biden’s term as VP.

The Obama-Biden Administration also named India a “Major Defense Partner” – a status approved by the US Congress – which made it easier to share advanced and critical technology to India to strengthen defence ties. This was crucial since it was for the first time that any country was given this status,

outside of the US’s traditional alliance system.

In fact, in August 2016, at the fag end of the Obama administration, the two sides signed the Logistics Exchange Memorandum of Agreement (LEMOA), the first of the three “foundational pacts” for deeper military cooperation.

LEMOA allows the militaries of the US and India to replenish from each other’s bases, and access supplies, spare parts and services from each other’s land facilities, air bases, and ports, which can then be reimbursed.

LEMOA is extremely useful for India-US Navy-to-Navy cooperation, since the two countries are cooperating closely in the Indo-Pacific. To put the usefulness of this agreement in simple terms, it is like being able to stop at a friend’s garage or workshop to refuel your car or get it repaired when you are far away from your own home or workshop.

Later on, Trump administration signed the remaining foundational pacts – COMCASA and BECA.

What has Biden’s approach been towards terrorism?

Obama and Biden also strengthened cooperation with India to fight terrorism in each of their countries and across the region.

“Biden believes there can be no tolerance for terrorism in South Asia – cross-border or otherwise”, his campaign document says.

While there is not much he said during his time in the administration on Pakistan-

sponsored terrorism, New Delhi hopes that he will be carrying forward the legacy of the US administration's approach towards India-Pakistan when it comes to cross-border terrorism

What about immigration and visas for Indians, specially H1B visas for skilled professionals?

This has been a major concern for Indians under the Trump administration. As Democrats are seen to be more liberal on immigration, Biden is expected to be softer towards Indians who go to the US to study, work and live there, and aspire for a better life.

He has promised to support family-based immigration, increase the number of visas offered for permanent, work-based immigration, reform the temporary visa system for high-skill, specialty jobs, eliminate the limits on employment-based green cards. He has also promised to restore the naturalisation process for green card holders.

But as the Trump administration has tightened the rules, it may not be very easy for Biden to reverse some of the approaches adopted in the last four years.

Overall, will he be a good President for India? Over the last 20 years, every US President — Bill Clinton, George W Bush, Barack Obama and Donald Trump — had differences on many issues, but if there was one common theme on which all of them agreed was this: a stronger relationship with India.

What that means is that there has been a tradition of bipartisan support in favour of better ties with India, and every US President

has made it better than what he inherited from his predecessor over the last two decades.

So, to cut a long story short, there is no reason to believe that Biden will not continue the tradition — but of course, he will have his own style and nuances, and will put his personal stamp on the relationship.

— *The Indian Express*

Maharashtra to reopen schools for classes 9-12 from November 23

The Maharashtra government on Saturday announced reopening of schools for classes 9-12 from November 23. Education minister Varsha Gaikwad made the announcement a video conference held by Chief Minister Uddhav Thackeray. Gaikwad said all teachers will undergo RT-PCR coronavirus tests between November 17 and 22. "Schools will reopen on November 23, and students will undergo thermal checking at entry," she said.

Daily new cases of coronavirus crossed the 50,000-mark again with India reporting 50,356 cases in the last 24 hours. With 7,178 cases, Delhi became the top contributor for the first time, ahead of Kerala and Maharashtra. About 54,000 people were declared to have recovered on Friday and active cases have come down to 5.16 lakh. India's Covid-19 cases have risen to 84,62,081 and with 577 new deaths, the death toll has surged to 1,25,562.

Meanwhile, the vaccine against the novel coronavirus, when it arrives, will be prioritised on the principle of "protecting the health

system and pandemic control system", and those who have "excessive risk of mortality", NITI Aayog member Dr V K Paul, who chairs the National Expert Group on Vaccine Administration for Covid-19, has said.

Also, a fortnight after Dr Reddy's Laboratories said it had "isolated" its data centre services after a cyber attack, Mumbai-based Lupin became the second major Indian pharmaceutical company to be hit by a similar attack. Indian pharma companies, currently plugged into the global supply chain for potential Covid-19 vaccines, have become more vulnerable, the experts said. More such attacks could be on the way, they warned.

On Friday, India sent out a message to several countries that it will use its strength in vaccine production and delivery to help humanity in fighting the coronavirus crisis. Foreign Secretary Harsh Vardhan Shringla said this during an interaction with ambassadors and high commissioners of foreign missions in India.

— *The Indian Express*





India's October factory growth at decade high as demand bounces back

India's factory activity hit a second consecutive month of record performance improvement in October with output expanding to the greatest extent in 13 years amid robust sales growth, a private survey showed on Monday.

The IHS Markit India Manufacturing Purchasing Managers' Index (PMI) rose to 58.9 last month from 56.8 in September on the back of ongoing relaxations on Covid-19 restrictions, better market conditions and

improved demand, according to the release. A reading above 50 indicates expansion, while below that signals contraction.

"In response to strong sales gains and softer containment measures related to the COVID-19 disease, firms lifted production at the strongest pace recorded since late-2007," it said.

The growth was led by a strong output expansion of intermediate goods along with robust growth in the consumption and investment goods category as well, it said.

However, while firms purchased additional inputs for production, payroll numbers continued to decline for the seventh consecutive month on account of government workplace guidelines related to Covid-19 precautionary measures, it added.

"Companies were convinced that the resurgence in sales will be sustained in coming months, as indicated by a strong upturn in input buying amid restocking effort," said Pollyanna De Lima, economics associate director at IHS Markit.

The latest figures indicated India's recovery was gradually becoming entrenched, according to a Barclays note. "Solid expansion in manufacturing activity in October will add to the optimism that India's economic recovery is on track and is slowly becoming entrenched," Rahul Bajoria, Barclays chief India economist said.

Despite higher input costs over last month, inflationary pressures in October remained subdued as seen by a modest increase in input costs and only marginal rise in selling prices even as sales growth showed the strongest upturn since mid-2008, according

to IHS Markit.

Additionally, quantities of purchases also increased at the quickest pace in just under nine years along with new export orders posting their most pronounced growth in close to six years, it added.

Employment down, sentiments up

The pace of decline in employment on account of compliance with government guidelines was reducing with October recording the weakest fall of the seven-month trend.

"There was disappointing news on the employment front though, with October seeing another reduction in payroll numbers. Survey participants that noted job shedding mentioned having observed containment measures to halt the spread of the coronavirus disease 2019," De Lima said.

With rising sales and falling employment, firms saw an increase in outstanding business, the release said, but backlogs rose at their weakest pace in six months in October.

Hopes of an end to Covid-19 cases and reopening of other sectors in the economy underpinned positive sentiment towards the year-ahead outlook for production with confidence levels touching a 50-month high, IHS Markit said.

"Confidence towards the year-ahead outlook for production improved as firms hoped that fewer COVID-19 cases and the reopening of other businesses could boost output growth," De Lima said.

Other indicators have also been looking up with core sector contraction narrowing to

0.8% in September and goods and services tax (GST) collections crossing the Rs 1 lakh crore mark for the first time this fiscal in October. As of October 25, 50 million GST e-way bills were generated and are expected to grow 11% over September's 57.4 million while railway freight loading for the month grew 15% annually to hit 108.16 million tonnes, or a 5% increase over September.

We see signs that the Covid-19 caseload is peaking across large parts of India, and the economy appears on track to recover the lost ground," Bajoria said, estimating a 6% contraction for FY21 on account of limited fiscal support.

Business resumption

The Nomura India Business Resumption Index (NIBRI) also saw another post-lockdown high of 84.4 for the week ended November 1, a pick up from 83.3 a week earlier, the brokerage said on Monday.

Improvements were mobility-driven as falling infection cases have led to an easing of restrictions, it said, citing the return of the Apple driving index to near pre-pandemic levels and continued improvements in retail and recreation mobility.

On the other hand, workplace mobility declined by 4.6 percentage points from a week earlier along with a further 2.3% contraction in power demand after a 4% fall in the week before.

Nomura remained skeptical of the uptick in various sectors outlasting the festive season and remained cautious of a potential reversal of the pandemic gains during November-December.

– *The Economic Times*

Delhi is now single largest contributor of cases

With 7,178 new cases of coronavirus infections on Friday, Delhi not only recorded a new high in its daily numbers, but also emerged as the single largest contributor of cases, for the first time in more than four months.

The last time Delhi had contributed the maximum number of cases in the country was on June 23, when it had recorded 3,947 new infections. That was the peak of Delhi's first wave. At that time, Delhi's total caseload was around 70,000, the second highest in the country after Maharashtra which had been reporting about 4,000 new cases every day. In the second and third week of June, Delhi's daily new detections used to be second only to Maharashtra.

Cases in Delhi had begun to steadily come down after the June 23 peak, and for over a month, Delhi had progressively reported lesser and lesser number of infections. The daily detection of cases had fallen below 1,000, active cases had come down to about 10,000, and it was widely believed that the spread of the disease had been controlled in the national capital. Since then, Delhi has seen two more peaks, each higher than the previous one. For the last four days, Delhi has been reporting more than 6,700 cases every day. No other city has reported more than 6,000 cases in a single day.

Delhi now has almost 40,000 active cases, the third highest in the country after Maharashtra and Kerala.

The number of new infections across the country crossed the 50,000 mark yet again on

Friday, the second time in three days, after having remained below that figure for ten days at a stretch. But the recoveries remained higher, almost 54,000, leading to a further decline in the active cases, which have come down to just about 5.16 lakh now. Almost 20 per cent of the active cases are in Maharashtra, just over one lakh, while Kerala has about 15 per cent

Meanwhile, the United States became the first country to record more than one lakh cases in a single day. According to the coronavirus database of the World Health Organisation, the United States reported 1.06 lakh cases on Friday, taking its total number of confirmed cases to over 93.87 lakh. It was India that was widely expected to cross the one lakh mark, when it had started reporting more than 90,000 cases every day in the second week of September. India peaked at just under 98,000 cases at that time, and there has been a steady decline after that. Now, even France reports more cases than India on some days. The surge in the United States has meant that India's emergence as the country with the maximum caseload of coronavirus infections has been put on hold for the time being. At one point in October, it seemed just a matter of days when India would overtake the United States. But current trends has resulted in the gap widening further.

– *The Indian Express*





India's economy stable, all sectors looking up, says PM Modi

Pitching India's resilience during the COVID-19 pandemic as a signal of its inherent strengths, Prime Minister Narendra Modi on Thursday said India's economy has been stable and all sectors are now looking up, as he invited global money managers looking for "returns with reliability" to invest in the country.

Mr. Modi said the government is finalising a "pioneering multi-modal connectivity infrastructure masterplan" under the National Infrastructure Pipeline, which envisages investments of \$1.5 trillion. "We are building millions of affordable houses for the neo-middle class. We want investment not just in big cities but smaller cities and towns too," the PM said, citing the GIFT City in Gujarat as one such city being developed.

"Today, each sector in India is looking up — manufacturing, infrastructure, technology, agriculture, finance, and even social sectors like health and education... India is the place to be if you want returns with reliability,

demand with democracy, stability with sustainability, and growth with a green approach," the PM said.

Addressing a virtual global investor round table attended by 20 large global investment funds managing over \$6 trillion, the PM said India's "brave fight during the pandemic reflected its sense of responsibility, spirit of compassion, national unity and the spark of innovation".

"India has shown remarkable resilience in this pandemic, be it fighting the virus or ensuring economic stability. This resilience is driven by the strength of our systems, support of our people and stability of our policies," Mr Modi said, explaining that social distancing and wearing of masks practised by the people helped India put up a strong fight against the COVID-19 virus.

"We are building a new India which is free of old practices... India's quest to become 'Atma Nirbhar' is not just a vision, but a well-planned economic strategy," the PM said, listing out recent administrative reforms as well as legislative changes in areas such as agriculture, labour, education, manufacturing and the "rationalisation of the public sector".

The stability of India's policies has made it a preferred investment destination, the PM said, citing the 13% rise in FDI (foreign direct investment) inflows in the first five months of this year.

"I am happy that the global investor community has been showing confidence in

our future... Your active participation in this round table increases the confidence even more," he told top officials of these global institutional investors, which included sovereign wealth funds as well as pension funds.

"I am aware that I am addressing some of the best financial brains, who can convert new areas of innovation and growth into sustainable business propositions. At the same time, I am conscious of your requirement to provide the funds in your trust the best and safest long-term returns. Therefore, I would like to emphasise that our approach is of finding long-term and sustainable solutions for issues. Such an approach mixes very well with your requirements," the PM said.

"I am happy to see your eagerness to enhance your engagements with us and hope that our better understanding of each other's perspectives will result in a better alignment of your plans and our vision," he said, stressing that the country would do whatever it takes to become the engine of global growth resurgence.

"India's growth has the potential to catalyse global economic resurgence. Any achievements by India will have a multiplier effect on the world's development and welfare. A strong and vibrant India can contribute to the stabilisation of the world economic order," he concluded.

– *The Hindu*

Hyve India Pvt Ltd has come up with a weekly e news alert program - 'Market News & Views'

This program will cover Industry Updates, Launch of New Technologies, Partnership Opportunities, Industry Views & CSR activities. The purpose of this program is to keep customers up to date with developments in the Industry.

INDUSTRY UPDATES



New Education Policy: Stimulation in Writing & Printing Paper Demand

The Union Cabinet has cleared a new National Education Policy (NEP) proposing sweeping changes in school and higher education. This new National Education Policy will change publishing and printing sector majorly. During an IPPTA's webinar on Paper Industry, Shreyans Industries Ltd's CEO & ED- Mr. Anil Kumar outlined the significance of the new NEP in writing and printing paper segment.

He said that significant demand will generate in writing and printing sector once the new curriculum, assessment system to roll out from the academic year 2021-22.

The NEP proposes sweeping changes including opening up of Indian higher education to foreign universities, dismantling of the UGC and the All India Council for Technical Education (AICTE), introduction of a four-year multidisciplinary undergraduate programme with multiple exit options, and discontinuation of the M Phil programme.

The NEP will require implementing a new syllabus in schools and higher education thus printing of new books will pump fresh demand in publishing market.

Mr. Anil further clarified the demand status in Punjab, and said that our order flow has been better in last couple of months and having orders of next 10 to 15 days in our books but prices are non-workable and down.

"In Punjab, Writing and Printing paper mills are working on reasonably good capacity, talking about Shreyans Industries, we are working on 100 percent capacity although we did take shut down in July and August months," Mr. Kumar said.

The wood pulp prices have shown an increase of 75 to 80 US \$ per tonnes during last month which gives a clear indication that demand in WP segment is picking up.

Mr. Kumar looks optimistic on the demand front; he anticipates that January 2021 onwards prices should stabilize, demand will sustain because most of the Institutional buying is going to start in next month and so.

– *The Pulp and Paper Times*



Coca Cola introduces paper bottle packaging

Coca-Cola recently announced that it is working to create a bottle made 100% from paper, which the company says may help it achieve a "World Without Waste."

Coca-Cola is now at the stage of a first-generation prototype.

"Our vision is to create a paper bottle than can be recycled like any other type of paper, and this prototype is the first step on the way to achieving this. A paper bottle opens up a whole new world of packaging possibilities, and we are convinced that paper packaging has a role to play in the future," says Stijn Franssen, EMEA R&D Packaging Innovation Manager at Coca-Cola, who is working on the project.

Coca-Cola has not announced when it expects the new paper bottle to be ready for commercial production.

– *PULPAPERnews.com*

Andritz to supply evaporation plant to ITC Paperboards and Specialty Papers Division in India

Andritz has received an order from ITC Paperboards and Specialty Papers Division (ITC-PSPD) to supply a new evaporation plant for its Bhadrachalam unit located in Telangana, India.

Andritz will supply a new 7-effect evaporation plant on EPC basis with a capacity of 390 t/h that will concentrate kraft black liquor to a final dry solids content of 75%. The plant will be the largest in India and have the capability to improve the quality of condensate from the existing mill so that it can be re-used effectively in the mill and also to reduce water consumption.

Andritz's lamella technology in the evaporators ensures the desired steam economy at all times, reduces energy consumption by circulation pumps, as well as providing higher black liquor concentration and stability, thus leading to increased and stabilized power production in the recovery boiler. The technology also delivers optimized vapor condensate quality that contributes towards a reduction in the mill's operating costs. In addition, fewer and shorter washing cycles will enhance overall availability.

This investment is part of ITC-PSPD's recovery plant modernization project to further strengthen its market position in the paperboard and specialty paper segment.

ITC-PSPD is one of the largest

manufacturers of packaging and graphic boards in Southern Asia. The company's Bhadrachalam unit produces value-added folding boxboard. - PULPAPERnews.com



Valmet to Invest in Filter Fabric Manufacturing in India

Valmet has decided to invest in filter fabric manufacturing in Pune, India in order to better serve its customers and improve delivery times of filter fabrics to the Asia Pacific and Middle East areas.

"This investment gives us the necessary assets to further develop our services close to customers and strengthen our position in the market. It also ensures our capacity for the coming years to deliver filter fabrics that respond to customer needs for maximized reliability and optimized performance of their production process," says Tero Kokko, Vice President, Fabrics Business Unit, Valmet.

Valmet is one of the leading suppliers of filter fabrics and industrial textiles globally. Valmet's filtration offering covers filter fabrics and felts for the mining and chemical, pulp and paper, dry filtration and laundry industries.

- PaperMart



With the best Infrastructure, Venkateswara Paper Products is equipped to Produce 200 TPD Kraft Paper

The growth of the Indian paper industry is believed to have derailed in the covid era. Some experts in the industry assume this

sluggishness in demand won't sustain longer. The market will start reacting positively by end of the year. New investment in capacity building has already been pumped and in this raw, a new paper mill in Andhra Pradesh is all set to roll out its production in 2020.

"Increasing demand from fresh food and beverages, home & personal care goods, electronic goods industries will increase the reach of end-users towards corrugated box manufacturers and growth in use of the internet for shopping, stimulated by the growing use of smartphones as well as the increasing proportion of tech-savvy consumers, has a positive effect on corrugated demand in India. Demand for corrugated boxes are increasing beyond our expectation and it seems sustainable" explained by Mr. Kiran Vantipalli, Managing Director of Venkateswara Paper Products Pvt. Ltd.

"Indian Paper Industry is one of the fastest-growing sectors and we are glad to be part of this industry. We have invested around INR 42 Crore to manufacture high-quality multilayer kraft paper as well fluting media. The end application of our kraft paper is corrugation boxes. Our Target production is 200 TPD on double wire machine of which we are expected to roll out commercially in September 2020," Mr. Kiran said.

Situated at APIIC MODEL INDUSTRIAL PARK, BAPULAPADU MANDAL MALLAVALLI Krishna, Venkateswara Paper is well equipped with all critical components and machinery,

"Our building construction work has already been completed and machinery erection work is also finished, now the final alignment of machinery is under progress," Mr. Kiran informed.

"Our aim is to achieve high quality paper for corrugators for which we have deployed best machinery infrastructure. We bought pulp mill section from Parason Machinery, boiler from Thermax and rest wire part, press, dryer, calendar, size press and pope reel purchased from Micro Fab Industries (Vapi, Gujarat)," Mr. Sirniwas, GM of Venkateswara paper products said.

New paper mill will have waste water treatment plant (ETP) from Krofta Engineering limited.

Venkateswara Paper will be producing 100 to 300 GSM with 18 to 28 BF paper on 3.75 meter finished deckle machine. The speed of machine is designed at 350 m/min.

Global corrugated box market valued at approximately USD 66.9 billion in 2018 is anticipated to grow with a rate of more than 4.6 % over the forecast period 2019-2026. Among the key drivers for the corrugated box market are strong growth in food and beverage industry, recyclability of corrugated boxes, rising e-commerce industry, coupled with increasing spending by consumers for packaged products.

The new paper mill will export its 25 percent production to foreign destinations and the rest to be sold in the Indian market.

– The Pulp and Paper Times



Low activity in Printing & Publishing plummeted Paper Mills' Net Profit; JK Paper reports 72% drop in Q2

Covid -19 continued to affect the paper mill's operations adversely during the quarter (July-September 2020) in view of closure of educational institutions, schools, colleges and commercial printing. However, there is an improvement in demand compared to the preceding quarter on resumption of economic activities in many sectors and full recovery in the market is likely to be gradual.

JK Paper Ltd reported a 72.23 per cent decline in consolidated net profit to Rs 33.40 crore for the quarter ended September, affected by the coronavirus pandemic. The company, whose board on Thursday approved a proposal to raise up to Rs 260 crore from the market, had posted a net profit of Rs 120.29 crore in the July-September period a year ago, JK Paper said in a regulatory filing.

Net Sales at Rs 638.44 crore in September 2020 down 19.25% from Rs. 790.62 crore in

September 2019.

Commenting on the results, Shri Harsh Pati Singhania, Vice Chairman & Managing Director, said "the Company was able to deliver an improved performance in the current quarter based on higher sales volumes, resulting in increased market share and higher capacity utilization compared to the preceding quarter. However realisation continued to be lower due to market disruptions and poor offtake. While economic and other activities have picked up in many sectors, full recovery in the market is likely to be gradual. In order to contain adverse financial impact, the Management decided to temporarily shut The Sirpur Paper Mills Ltd, step down subsidiary, from 1st September 2020 till market conditions improve."

"Operations of the JK Paper continued to be affected significantly during the early part of the quarter, due to lockdowns in several parts of the country. Demand from education segment, one of the key demand drivers continued to languish with schools and colleges remaining closed throughout the quarter. Writing and printing paper has been particularly affected due to very low activity in the printing and publishing segments. Towards the end of the quarter however there were some signs of pick up in demand. The Packaging Board segment has performed relatively better" the company said in a post-earnings statement.

– *The Pulp and Paper Times*

Valmet to invest in filter fabric manufacturing in India

Valmet has decided to invest in filter fabric manufacturing in Pune, India in order to better serve its customers and improve delivery times of filter fabrics to the Asia Pacific and Middle East areas.

The investment includes manufacturing equipment for filter fabric production. The new unit will start operation in the second quarter of 2021.

"This investment gives us the necessary assets to further develop our services close to customers and strengthen our position in the market. It also ensures our capacity for the coming years to deliver filter fabrics that respond to customer needs for maximized reliability and optimized performance of their production process," says Tero Kokko, Vice President, Fabrics Business Unit, Valmet.

Valmet is one of the leading suppliers of filter fabrics and industrial textiles globally. Valmet's filtration offering covers filter fabrics and felts for the mining and chemical, pulp and paper, dry filtration and laundry industries.

– *PULPAPERnews.com*



Apex International launches FlexoKITE in India and the Netherlands

Delivering a 'New, Better Normal' to flexo users seeking insight into workflow mastery and print perfection is the mission of five industry leaders who've created FlexoKITE, an experience center where end-to-end product and procedural harmony is made practical. Packaging suppliers, brands, and retailers gain instant access to best practices in the full flexo print process via in-person demos and live webinars. Apex launched FlexoKITE with its partners to demonstrate state-of-the-art equipment at work – in real-time – from experience centers in India and Netherlands. FlexoKITE runs a fully-equipped integrated workflow of the latest-version equipment from Apex International (anilox), Bobst (inline flexo press), DuPont (plate, Cyrel Fast thermal equipment), Esko (prepress), and MacDermid (plate).

Knowledge, innovation, technology, and exploration (KITE) are the driving forces that unify these companies to deliver real-world technical content not limited to a single product area. FlexoKITE provides print converters and brands a comprehensive view of the entire plate-to-print process, focusing on the finished printed product. An optimum printed product is achieved through synchronizing the plate-imaging, plate-processing, anilox, and press – all under one roof, presented step-by-step, and delivered to your computer screen, or in-real-life as health regulations permit.

What is FlexoKITE?

It is a workshop, press floor, seminar series, and tradeshow rolled into one robust flexo user experience. FlexoKITE empowers you with the knowledge to soar above your workflow and equipment obstacles and deliver the best results from each category of your gear. With the full capacity of a state-of-the-art print shop in its two purpose-built Experience Centers, FlexoKITE empowers participants with: live testing and evaluation of screening software, plate, print, and anilox methods; user-submitted PDF-to-plate-to-print press-runs; Q&A sessions; detailed process and product presentations by industry experts; and customer-directed problem-solving workshops.

Who benefits from FlexoKITE?

No matter your role in flexo – prepress, wet-end, or boardroom

– the FlexoKITE experience can streamline your procedures and capacity to new heights of efficiency and repeatability. Industry veterans and

newcomers alike can experience a helicopter view of the workflow from PDF to finished print; or dive deep into specific technologies and processes and get current with the latest technologies. Whether you're visiting live, viewing a webinar, or submitting questions, FlexoKITE is ideal for printers interested in: streamlining integrated workflows; continual improvement tactics or full-scale upgrades; gravure-to-flexo transition; problem-solving best practices; ink transfer stabilization; and concept-to-mockup packaging options.

Where is FlexoKITE?

Your choice: on your screen – or in-person.

Two brand-new, streaming-video-equipped

experience centers in Nashik, India and Hapert, the Netherlands, were constructed by Apex International specifically for the FlexoKITE collaboration.

When is FlexoKITE?

You can sign up for free to virtually attend FlexoKITE's introductory FirstFlight on 24 November 2020. You'll hear from each partner how their best-in-class expertise will help you fly higher in all areas of your workflow. Regularly scheduled webinars, Q&A solution sessions, and presentations will be live-streamed or posted for on-demand viewing.

– The Packman





New EFI Nozomi C18000 Plus for corrugated printing

Electronics For Imaging (EFI) has launched a new version of its award-winning single-pass digital inkjet corrugated printer. The new EFI Nozomi C18000 Plus builds on the performance features of the Nozomi C18000 with improvements to ensure even greater productivity, quality and versatility for post-print corrugated packaging and display operations. The new Plus model – which also includes important variable-data, ink savings and cloud-management capabilities for the printer's EFI Fiery digital front end (DFE) – is available now. Current users of EFI Nozomi printers can also purchase the Plus model as a field upgrade.

Consistent throughput, higher speeds and enhanced print quality

"The new transport of the 'Plus' version is a game-changer!" said one Nozomi user, Howard Bertram, president of Complete Design & Packaging, Concord, North Carolina. "It has provided consistent throughput at higher speeds and with fewer interruptions, and with enhanced print quality. It is now definitely the machine we knew we were purchasing."

Key enhancements for the 71-inch wide, direct-to-board LED UV inkjet printer includes new advanced transport feed and patented vacuum table systems that eliminate warping while maximizing printer productivity and uptime. The Nozomi C18000 Plus also features an improved post-print quality inspection system to help users monitor quality and quickly identify inkjet

nozzle issues or other defects.

Operating at speeds up to 246 linear feet (75 linear meters) per minute – producing up to 10,000 35 x 35-inch (890 x 890-mm) boards per hour two-up – the printer also features new coater options, including a quick-change anilox coater for improved performance. In addition to its standard CMYK inkset, the printer is available with optional orange, violet or white inks for an imaging gamut of up to 97% of Pantone colors.

Powerful digital front end for single-pass corrugated printing

The latest version of the EFI Fiery NZ-1000 DFE is used to control the printer. In addition to its speed improvement, the blade-server based DFE features Adobe PDF Print Engine 5 for quick, high-impact color rendering and smoother edges on graphics.

The Fiery NZ-1000 DFE also features Smart Ink Estimator, an advanced solution that analyzes image data for more precise control of ink costs. Fiery Edge, EFI's next-generation profiling technology for Fiery Driven printers, is included as well. Fiery Edge provides ink-saving technology that combines GCR and black generation controls with proprietary technologies so users can further reduce ink costs with no visible loss to image quality.

There are several additional Fiery products included with the EFI Nozomi C18000 Plus, such as Fiery JobFlow Base, which automates repetitive job setups; Fiery Spot Pro, which helps ensure maximum accuracy of a brand and other spot colors; and Fiery FreeForm Create, a visual variable-data print creation application.

EFI IQ – data-driven decision making made easier

Nozomi digital corrugated production enters the cloud era with another new capability on the Plus model – integration with EFI IQ, a new suite of free and paid applications. The IQ applications give Nozomi C18000 Plus users the ability to better manage their operations by extracting value from operational data. This includes the EFI IQ Dashboard for a personalized view of the day's digital printing activities; EFI Insight for deep historical data in an easy-to-use, interactive environment; and EFI Notify, which enables automatic distribution of reports and provides users important alerts for production-blocking events.

"Without exception, users worldwide consistently achieve double-digit increases in production year over year thanks to the Nozomi C18000's ability to meet or exceed brands' strict throughput and quality requirements," said Evandro Matteucci, vice president and general manager, packaging and building materials, EFI. "The Plus printer, its superior Fiery DFE enhancements, and our new, comprehensive service, support and training offering extend the remarkable market advantages our customers have today. The corrugated packaging world has never been the same after the appearance of EFI Nozomi technology and we are excited to help our customers achieve even greater successes with the new EFI Nozomi C18000 Plus."

– **The Packman**

ICMR issues advisory for use of Feluda paper strip test

The Indian Council of Medical Research (ICMR) has issued an advisory for the use of indigenously developed Feluda paper strip test, which is based on CRISPR-Cas9 technology for diagnosis of SARS-CoV-2, by laboratories.

The paper-strip uses cutting-edge CRISPR gene-editing technology to identify and target the genetic material of SARS-CoV-2, the virus that causes COVID-19 in less than an hour.

As claimed by the manufacturer, no further RT-PCR based confirmation is required for samples that are confirmed as positive or negative by the CRISPR SARS-CoV-2 test, the advisory issued on Thursday stated.

The test has been developed by the Council of Scientific and Industrial Research's (CSIRs) Institute of Genomics and Integrative Biology (IGIB), Delhi, and has been validated by the National Centre for Biological Sciences and the Tata Institute of Fundamental Research.

The test has been approved by the Drugs Controller General of India (DCGI) for use in the country.

"The test works by identifying SARS-CoV-2 virus strain and uses a Thermal Cycler instead of a qPCR machine for conducting the test. As claimed by the manufacturer, no further RT-PCR based confirmation is required for samples that are confirmed as positives or negatives by the CRISPR SARS-CoV-2 test," the ICMR said in its advisory.

Existing government or private laboratories already approved by the ICMR for SARS-CoV-2 RT-PCR based testing may use this new CRISPR test if the laboratory desires to do so.

No further approval is required from the ICMR for existing laboratories.

New laboratories intending to initiate molecular testing of SARS-CoV-2 testing by any method will be required to seek approval as per the standard process laid down by the ICMR and NABL before initiating any kind of molecular testing, the advisory said.

Any prescription for RT-PCR, CRISPR, TRUENAT, CBNAAT may be considered equivalent.

All testing data should be essentially entered into the ICMR COVID-19 web portal on a real time basis.

Union Health Minister Harsh Vardhan had recently said that based on tests in over 2,000 patients during the trials at the Institute of Genomics and Integrative Biology (IGIB) and testing in private labs, the tests showed 96 per cent sensitivity and 98 per cent specificity.

This compares favourably to ICMR's current acceptance criteria of RT-PCR kit of at least 95 per cent sensitivity and at least 99 per cent specificity, he had stated.

– **The Economic Times**



Unicorr Packaging Group opens new design center

In an ongoing effort to develop successful solutions for clients' brands and messaging, Unicorr Packaging Group has opened a comprehensive, state-of-the-art design center in North Haven, CT. This new facility enhances packaging development capabilities and merges structural and graphic designers into a collaborative and dedicated environment serving all of Unicorr's corrugated production plants.

Headed by Gary Lenkeit, Corporate Creative Director, the Design Center focuses on creativity and innovative thinking while utilizing the latest CAD and graphics software systems to accommodate a wide range of client needs.

"The future of corrugated products has just begun," Lenkeit said. "With a rapidly expanding e-commerce frontier, combined with the growing importance of environmentally acceptable packaging, Unicorr is committed to 'reinventing the box.' This includes using Unicorr's complete range of manufacturing capabilities to produce cost-effective solutions for e-commerce, retail and retail-ready packaging that captivates consumers, protects the product, is environmentally friendly, and reduces labor costs and packaging waste. We can develop several virtual solutions in less time than a single physical sample. After rendering approval, we will create a prototype to ensure production results."

Before joining Unicorr, Lenkeit worked in New York City and Chicago creating innovative, multi-media packaging for a number of Fortune

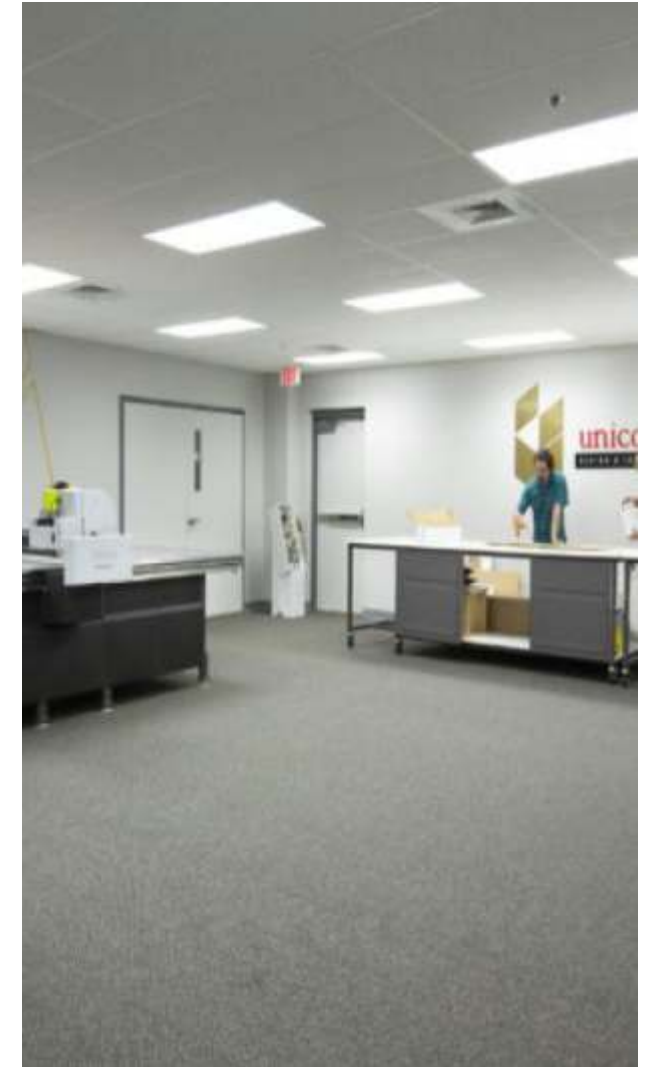
500 companies and was Global Design Director for Graphic Packaging's Consumer Products Division (CPD) in the Midwest. His notable awards include a Grammy for Best Recording Package of a Bruce Springsteen music collection. Beyond corrugated packaging and displays, Unicorr's team works with many materials such as wood, foam, and plastic corrugated for a variety of applications and end uses. The design team also collaborates with technology providers to enable our customers to utilize new trends in connected packaging such as embedded QR codes, VR applications, and the use of specialty inks to take packaging to the next level. We continually push the envelope by creating features that make packaging tamper evident, easier to open, and easier to reseal. Similarly, through innovative work with graphics, we are expanding our capabilities to produce litho-like quality on our direct print presses.

"Whether for traditional retail outlets or e-commerce, our work is an essential continuation of our clients' marketing efforts," Lenkeit said. "With every project, our goal is to deliver the brand promise of the product, while enhancing the consumer experience through ease of opening, disposal, and product protection that are especially essential for e-commerce."

Bernie Baszak, a Unicorr sales manager, added, "Our design team gives small and medium-sized businesses without internal design resources access to world-class level packaging previously only available through suppliers with larger minimum quantities than needed. This capability also allows us to aid startups in bringing products into the marketplace more efficiently and

economically while helping more established businesses scale their production with custom designs and purchase directly from the manufacturer. Unicorr also has achieved certification as an Amazon APASS provider, qualified to design, test, and manufacture packaging that meets Amazon's stringent guidelines.

– **PULPAPERnews.com**



Greif Hikes Prices for Uncoated Recycled Paperboard Grades

Greif, Inc. GEF is implementing price hikes of USD50 per ton for all grades of uncoated recycled paperboard (URB). The price rise will be effective relating to the shipments on or after Nov 9.

Greif is executing price-increase actions in response to the higher material costs in transportation, insurance, labour and chemicals as well as matching supply with the current demand across its paperboard network. The company continues to face challenging industrial markets across its portfolio and the overall demand environment remains soft. It is witnessing sluggish demand within the textile, industrial paints, coatings and lubricant industries due to the pandemic. Around 60% of the Rigid Industrial Packaging & Services segment's revenues are generated from steel drums. The ongoing volume declines in steel drums will continue hampering the segment's results.

Further, forecasting volatile global macroeconomic conditions throughout the remainder of fiscal 2020, Greif expects adjusted earnings per share between USD3.00 and USD3.20. The mid-point of the guidance indicates a decline of 22% from the prior year. Greif expects fourth-quarter fiscal 2020 earnings to be around 66 cents per share, suggesting a slump of 47% and 22% on a year-over-year and sequential basis, respectively. Profits might be lower sequentially in the quarter due to normal business seasonality, higher SG&A expenses, lesser opportunistic sourcing cost benefits, reduced sales in the

high margin filling business in the United States and a sequentially higher tax rate in the fiscal fourth quarter.

The company will keep benefiting from focus on operational execution, capital discipline, and a strong and diverse product portfolio.

Meanwhile, the company continues to witness increase in demand in the food, pharmaceutical and household goods industries owing to the COVID-19 pandemic. This is likely to prevail until the situation stabilizes. Some of the prominent stocks in the Containers – Paper and Packaging industry, like Sonoco Products Company SON, Packaging Corporation of America PKG and Sealed Air Corporation SEE, are also benefiting from the escalating packaging demand for essential products owing to the pandemic.

- PaperAsia



At Sangal Papers Ltd. preservation of environment has always been of foremost importance. All the products are manufactured from 100% recycled grade of waste paper purchased domestically and imported from various overseas countries, thereby preserving the environment. Even for Nature conservation the company changes its regulations from time to time. In addition to this, we have our own effluent treatment plant (ETP) which takes care of any chemical run-off.

Some of the initiatives taken by the company to remain eco friendly are:

- Company campus is far away from residential area
 - Company is using co-generation method for self-production of electricity by using steam generated turbines which is fully environment friendly
 - Company organizes environment friendly programs from time to time
 - Company has undertaken a project with FICCI – WWF on implementing water & waste water management best practises thereby taking a step to protect the environment
- FICCI – WWF conducted pilot intervention in pulp & paper sector to implement water and wastewater management best practises – “Living Ganga Programme” in Ganga Basin.

Sangal Papers Ltd. opted to be a part of the project wherein with the assistance of FICCI the study was conducted in our factory premises. The objective of the project was to identify best management practises for water and wastewater management to

- reduce the overall water consumption,
- reduce effluent generation, and
- improve effluent treatment by the units

FICCI – WWF Pilot project proved beneficial for Sangal Papers Ltd. We were able to reduce the water consumption by 50% in our total processes. Further we can reduce the fresh water consumption if treated effluent water can be reused after some tertiary treatment for which certain investment has to be made. This might result in an approximate water saving of 1000 KL/day!!!



NEW TECHNOLOGIES

M/s Minipack

The machines we offer in Paper & Board Industry include:

- Fully Automatic Individual Duplex Board Ream Shrink Wrapping Advantages of implementing this concept over conventional method of KRAFT PAPER Wrapping as under :
 - Prevents curling/ waviness of boards thus reducing wastage
 - The Pack is much stronger than kraft / sack-kraft normally used
 - Dust & Moisture Proof
 - Tight Snug Fit eliminates internal scuffing
 - Totally Tamper Evident Packs
 - See through pack with facility of logo printing on film
- Later multiples of these reams can be further processed for bundle wrapping also by similar method.

- Fully Automatic Paper / Duplex Board Bundle Packing
- Pallet Shrink Wrapping
- Pallet Stretch Wrapping (BULK PACKING FOR REAMS)
- Reel Stretch Wrapping (Radial or Axial Wrap)



Parag Copigraph Pvt. Ltd.

Barrier Coated Paper

Our newly developed product, BC Paper, is coated with a protective layer of the food-grade Chemicals that make the coated surface moisture proof, greaseproof and heat sealable.

Additional unique features of our BC Paper are Food Grade, Compostable, Recyclable, Ovenproof, Deep Freeze Safe, Printable: Flexographic and Offset printing

Our unique water-based dispersion coated barrier board is fully recyclable and repulpable.

Recyclable

After use, cups made of our barrier coated paper can be easily recycled along with normal paper and board waste.

All Areas Covered

All our products are safe to use. Renewable wood fibre is procured from sustainable sources verifying the origin of the raw materials and ensuring the legality of the fibre sources.



ITEMS	GSM	REELS(R)/SHEETS(S)	USAGE
BC-1S	55,65,75,155,165	R, S	1.CUPS FOR WATER, TEA, COFFEE, 2.FOOD WRAPPINGS, 3. BOXES FOR SWEETS, FRUITS & VEGITABLES ETC 4. PAPER BAGS
BC-2S	55,65,160,170	R, S	1.CUPS FOR COLD BEVERAGES 2.PAPER BAGS

We also develop customized BC Paper and Boards for the special applications.

Sublimation Paper:

Parag introduces high quality sublimation paper.

Features:

- o Extreme Fast Drying
- o Excellent Line sharpness
- o Superb & Quick Transfer Properties
- o Outstanding Lay-Flat Performance
- o Suitable for Soft & Hard Substrates

The available variants are:

- o A3: 110 GSM
- o A3: 130 GSM
- o A4: 110 GSM
- o A4: 130 GSM

Quantity: 100 sheets / pack



PARTNERSHIP OPPORTUNITIES

There are many different ways of benefitting from the Paperex exhibition.

You can increase your company's exposure by becoming a Partner of the show, advertising in the exhibition's promotional materials, or simply visiting the show and gaining first-hand information about the new developments in the market and latest technology advancements. Branding gives an excellent opportunity to stand out from the crowd, reinforce, enhance and establish corporate visibility amongst the targeted audience. Branding is a great way to reinforce your brand message with benefits including:

- Enhance your leadership status
- Educate and inspire a targeted audience with your products and services
- Raise brand awareness and create preference to a targeted audience
- Build leadership status in the industry
- Create positive PR and raise awareness of the organisation as a whole
- Build brand positioning through associative imagery
- Create internal emotional commitment to the brand
- Provide innovative solutions to the industry
- Provide revenue generating ideas



INDUSTRY SPEAK

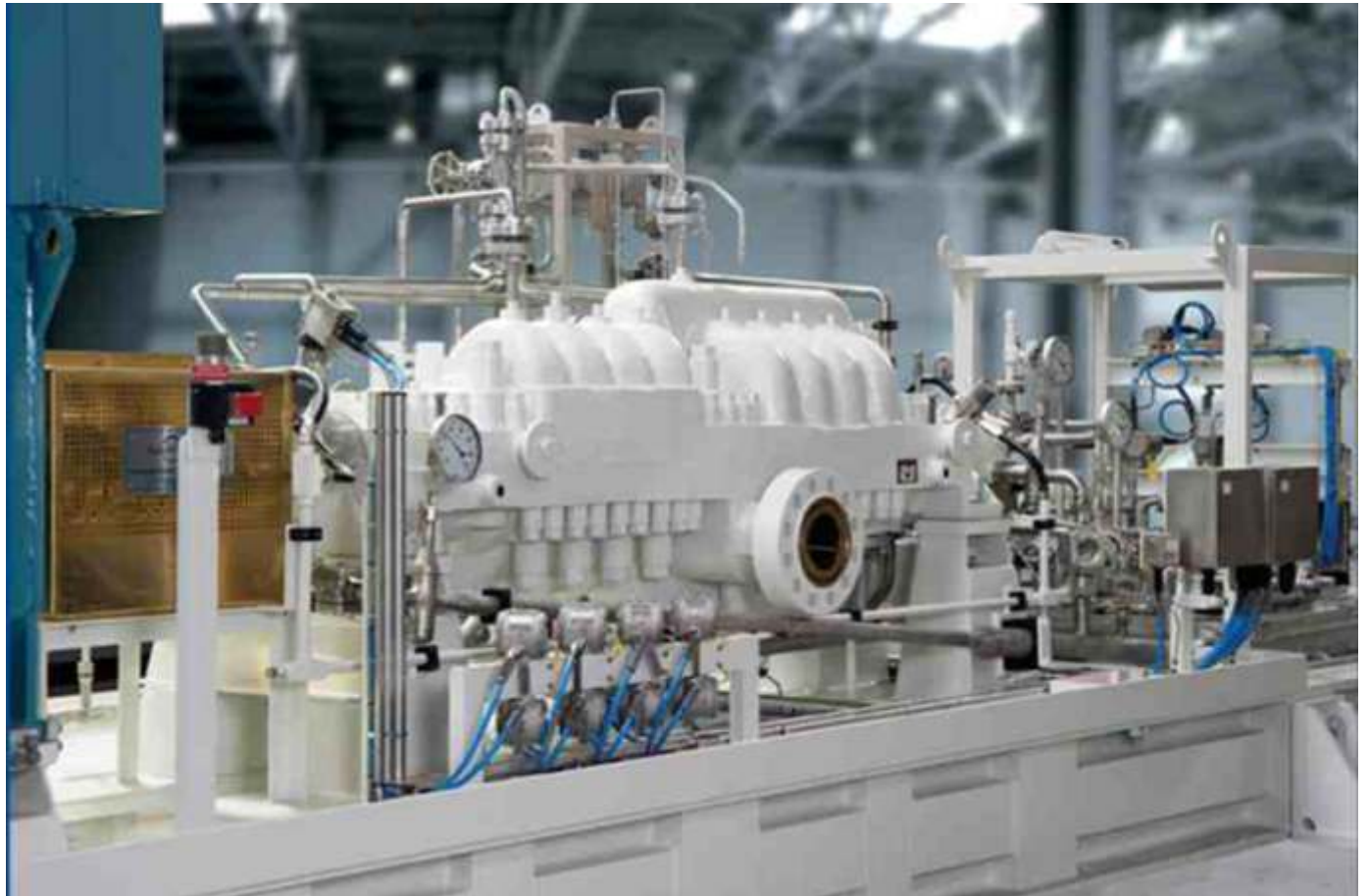
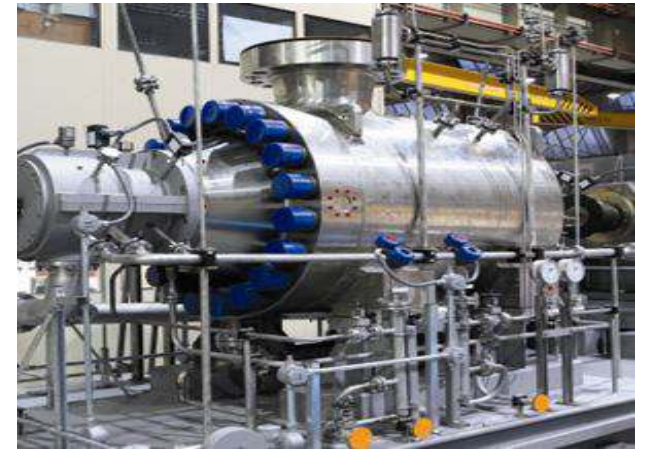


Veli-Pekka Tiittanen
Head of the Industry Business Unit
Sulzer

Thanks to the solid safety culture at Sulzer, we continue to keep COVID-19 away from our factories, offices, and our most valuable asset - our employees. We monitor and manage the ever-changing situation, ensuring that our customers are never put at risk, for example when it comes to delivering on-site service. Our factories and service centers are fully operational, and more important, are able to serve our customers. We thank our customers and stakeholders for your continued trust and loyalty during these trying times.

Our aim is, as before, to meet your needs with our innovative products and world-class service. A good example being Sulzer Sense, our state-of-the-art wireless condition monitoring system. Watch our presentation at the Papertech webinar through Sulzer Industry on LinkedIn. And as we continue to expand and develop our great products, I'd

like to highlight that we recently acquired 25% of Tamturbo, whose compressor technology enables cleaner, energy-efficient and close-to maintenance-free compressed air production for industrial purposes. Our process and applications research, as well as our collaboration with manufacturers and research institutes, will help us to develop energy-efficient pumping and mixing solutions for you also on the way forward.



MEDIA SPEAK



Pulp and Paper Market will Experience Noticeable Growth during Forecast Period 2019-2025

The Pulp and Paper market revenue was USD65,992 Million in 2019, and will reach USD86,434 Million in 2025, with a CAGR of 4.6% during 2019-2025.

Raw materials for pulp and paper include cellulose fibres and other plant materials. Some synthetic materials can be used to give the finished product a special quality.

Paper is made from wood fibres, but cloth, flax, cotton linter, and sugar cane (sugar cane residue) are also used in some papers. Used paper is also recycled, and after refining and bleaching, it is often mixed with virgin fibres and reformulated into paper.

Products made from cellulose such as cellulose acetate, rayon and cellulose esters are used in films and explosive packaging. By type, the paper and pulp market can be divided into paper manufacturing, paper chemical manufacturing, and paper and pulp machinery manufacturing.

– *PaperAsia*

Corrugated paper industry facing dual challenge

The corrugated paper industry is facing the twin shock of high raw material prices and low demand due to changes in consumption patterns.

In India, there are about 350 automatic corrugators and about 50 of them are in Telangana. In addition, there are more than 10,000 semi-automatic units across the country and the segment generates direct employment for about 4,00,000 people.

Speaking to Telangana Today, Sandeep Wadhwa, president, Indian Corrugated Case Manufacturers' Association (ICCMA), said the corrugated box industry was in distress over the rising Kraft paper prices, a key raw material to make corrugated boxes, and also supply disruptions due to Covid pandemic. The prices of both domestic and imported waste paper prices have gone up by Rs 4,500-5,000 per metric tonne in last couple of months, he said.

Both China and India import their waste paper primarily from USA and Europe. China has proposed ban of waste paper imports from January 2021 and as a result the Chinese paper mills are taking up the waste paper supplies available in overseas markets pushing up the prices, he said.

Lockdowns across the world have dented the generation and collection of waste. Indian paper mills could not import adequate volumes during lockdown periods resulting in a lower inventory and shortage in some lower grades of paper. Man-power costs, starch, freight and other overheads too have increased. The cost structure of raw material

costs has increased by 20 per cent, he said.

"Most of the manufacturing units are in the SME space. While they are not able to get a price increase from their clients, they are paying a higher price for raw materials to ensure production is not stalled," he said.

"Corrugated box industry is important for the growth of economy because it helps in movements of goods. However, the demand is not expected lines even during the festive season," he said adding that FMCG, pharma, beverages, engineering goods, automobiles, food, vegetables and e-commerce have been the key demand drivers.

The industry annually makes about 5-6 million metric tonne per annum and the southern States account for 32 per cent of the demand. The industry is valued at about Rs 24,000 crore. It supports circular economy and most of the waste is recycled. It has seen innovations that lower the raw material usage without compromising on strength. A lot of players have made corrugated beds for use at Covid centers. They also made sanitizer stands, Wadhwa said.

– *Telangana Today*



Brazilian wood exports increased 20.8% in September

Brazilian exports of wood-based products (except pulp and paper) amounted to \$286 million in September 2020, an increase of 20.8% compared with September 2019 (when the value was \$236.6 million), as ITTO reported.

Pine sawnwood exports increased in value by 35.6%, from \$38.2 million in September 2019 to \$51.8 million in September 2020. The export volume increased by 52.9% over the same period, from 192,400 to 294,100 m³.

Year-on-year, tropical sawnwood exports rose by 1.8% in volume in September 2020, to 39,900 m³, and by 7.7% in value (to \$15.4 million). Pine plywood exports leapt in value by 88% in September 2020 compared with September 2019 (from \$36.1 million to \$67.9 million).

In volume terms, pine plywood exports increased by nearly 50% over the same period, from 159,900 to 239,500 m³.

Tropical plywood exports increased in volume by 1.7% in September, year-on-year (from 6,000 m³ to 6,100 m³) but decreased in value by 11.5%, from \$2.6 million to \$2.3 million.

Wooden furniture exports increased from \$49.3 million in September 2019 to \$51.9 million in September 2020, an increase of 5.3% over the period.

– **PULPAPERnews.com**



Waste Paper-based Writing & Printing Mills are in the Doldrums

Registering a significant demand drop in writing and printing paper, paper mills in Uttarakhand have been operating at a lower level of capacity utilization. Describing the scenario under the present COVID situation, Mr. Pawan Agarwal, Managing Director of Naini Group said during an IPPTA's webinar that, waste paper-based writing and printing (WP) paper mills are under tremendous pressure in the state; very low demand and prices have put their survival at stake.

Speaking at webinar's topic 'Covid19 Its Effect and Head Wind That Paper Industry Faces Months Ahead' Mr. Agarwal further describes the gravity of the situation close to 180 participants virtually and said that Waste paper-based WP paper mills are running just 10 to 12 days in a month, while virgin fiber-based mills are slightly better off. They have been able to break even during this tuff time. Agro-based mills have achieved close to 50 percent production level.

There are 35 paper mills in Uttarakhand producing 1.6 million tonnes of paper in a year. They are producing broadly Kraft, Writing & Printing, Duplex board, Tissue, and MG paper.

"Kraft paper mills are running close to 100 percent capacity utilization, a shining factor, Duplex board is again operating at 100 percent" Mr. Agarwal informed.

He suggested to paper mills to have a hard look at their assets whether it is pulp mill, machine or finishing house, and try to optimize input cost in the best possible manner. Tweak with raw material and chemical composition to optimize the cost of production.

He insisted to add diversified products in the 'basket' in order to pass this tuff time.

Mr. Pawan says that prices have gone up for Kraft paper mills by 15 to 20 percent but their cost of production has simultaneously gone up by the same percentage, so they are not really better off.

– **The Pulp and Paper Times**



Shanying International to build 1 million t straw pulp complex in Jilin

Shanying International has announced plans to build a new production complex with a capacity of 1 million t each of straw pulp as well as packaging paper and board in the Jilin province in north-eastern China.

Shanying in its five-year plan has laid out ambitious plans to leverage growth from the forthcoming ban on selected disposable plastic products in China by 2025. The company is also reacting to the imminent ban on recovered paper imports from 2021.

This plan not only involves capacity increases for containerboard, wrapping paper and fresh fibre as well as recycled pulp, but also the construction of a new 1 million t straw pulp plant in Jilin.

Sumitomo SHI FW's CFB Boiler Modernization Project to Cut 30% CO2 Emissions in Sappi's Mill

SFW will design, supply and erect the project, which includes modifications to the lower furnace, new heat shift system, biomass feeding system, bottom ash extraction system, and emissions control system, as well as dismantling and commissioning. The modernization will allow the plant to completely shift from coal to multiple sustainable and renewable fuels. The new emissions control system include bag filters and selective non-catalytic reduction (SNCR), which will ensure the plant meets the newest Best Available Technologies (BAT) standards, especially regarding dust and NOx emissions.

"SFW's mission is to help our customers achieve their climate targets efficiently and cost-effectively. With this project, Sappi will be one step closer to achieving their decarbonization commitments, while reaping the benefits of reliable energy supply and extending the lifetime of their current assets", says Kari Kohvakka, SVP Service at SFW.

Sumitomo SHI FW (SFW) is a global, innovative provider of energy and environmental technologies and services focusing on high efficiency and flexible generation of energy. Our solutions expand from our world-leading circulating fluidized bed (CFB) technology, to long-duration energy storage solutions (Liquified Air Energy

Storage), flue gas cleaning, gasification, waste heat boilers and a full spectrum of services for the global power and industrial markets.

- PaperMart





Domtar signs agreement for Kingsport Mill conversion to containerboard

Domtar Corporation recently announced it has signed an agreement with Voith to provide equipment and technical services to convert the paper machine at its Kingsport, Tennessee, mill to produce recycled containerboard including high-performance lightweight packaging grades, as well as industry standard grades.

In addition to being a full-line supplier to the paper industry, Voith is also recognized as a leader in the containerboard machinery business. The company will play an important part in Domtar's entry into the containerboard market by helping build one of the most modern recycled containerboard machines in the world, able to set industry benchmarks in recycled containerboard strength and convertibility.

In August, Domtar also signed an agreement with Voith to provide a complete recycled stock preparation system for the Kingsport Mill including water, sludge and reject handling systems which will maximize both efficiency and quality.

The mill's conversion is expected to be complete in 2022. Once complete, the Kingsport Mill will become North America's premier lightweight containerboard facility — able to produce and market about 600,000 tons of high-quality recycled linerboard and corrugated medium annually. That level of capacity will make Kingsport the second-largest recycled containerboard mill in North America.

"We are pleased to continue our partnership with Voith as we repurpose our Kingsport Mill to enter the containerboard market," Domtar President & CEO John Williams said. "Voith is an ideal partner for this project, able to provide the entire scope of supply from raw material receipt to finished product."

"The Voith team is excited to work with Domtar on this state-of-the-art conversion. We worked closely with their teams to design the needed technical scope to produce the

demanding grades they are planning for the machine and the market they are targeting," stated Dr. Michael Trefz, President Voith Paper Division Projects. "Conversion projects like this offer unique challenges and we're proud that Domtar recognized our capabilities, experience and expertise in supporting this type of project."

— **PULPAPERnews.com**



BUSINESS FESTIVAL OF PAPER INDUSTRY



a Hyve event

6 - 9 December 2021

Pragati Maidan, New Delhi India

Paperex is the largest paper industry event in the world and it takes place in New Delhi, India.

It is a "A Unified Business Platform for Paper Industry" for new business opportunities, joint ventures, investments and technology transfer in paper and allied industries.

Paperex is always very well attended by large gathering of Paper Manufacturers to explore the New Technology., Machinery & Equipment and Raw Material for Paper & Board Manufacturing.

And the mass audience of Paper Traders, Printers, Publisher, Converter and Paper Packaging Companies to explore the variety of papers at the show



08-10 April 2021

Chennai Trade Centre, India

A sneak Preview:

- Meet 250+ exhibitors who will display latest products & services from 18 countries
- Learn new trends by attending technical conference by IARPMA
- Network with industry leaders at "Global Paper Technology Supplier" pavilion
- Delegation program to host international buyers
- 5000+ trade visitors from 20+ countries including 142 paper mills across India
- Visit "Paper Manufacturer" networking pavilion
- Engage with the leaders at "Exclusive Paper Mills CEO/MD Conclave"

Business Connect Program

- **Market News & Views, a weekly e news alert program** covering Industry Updates , Launch of New Technologies , Partnership Opportunities , Industry Views, CSR activities
- **International Business Networking Program (IBNP) a monthly webinar** covering key industry across Indian as well as some neighboring countries including China, Taiwan, Bangladesh, etc
- **Open Seminars during the event**, a unique opportunity to have face to face interaction with industry leader and knowledge transfer



Contact Us



Hyve India Private Limited

(CIN. U92490DL2004PTC124343)

Innov8 , 2nd Floor, 44, Regal Building

(Above Madame Tussauds Wax Museum)

Outer Circle, Connaught Place, New Delhi-110001, INDIA

Email: ed.india@hyve.group

Website: india.hyve.group, www.hyve.group

SOME LEADING COMPANIES AT THE EVENT



Parag Copigraph Pvt. Ltd.



PARAG COPIGRAPH PVT LTD has spent over 2 decades in the relentless pursuit of premium quality paper products that cater to the needs of all businesses and individuals. We have invested heavily in terms of time, energy and resources in sourcing innovative means of manufacturing top quality products in our expansive facility located in Indore, MP.

Vision

We aspire to be the numero uno indigenous speciality paper manufacturing company that offers premium grade, feasible and durable products to suit our business partners needs.

Mission

To provide top-notch, ingenious and substantial paper solutions to businesses PAN-globe

Focused to innovate and create greener environment

Innovation:

We take pride in introducing some revolutionary products in Barrier Coated Paper, Thermal Paper, Carbonless Paper & Other products.



Sangal Papers Ltd.



Sangal Papers Ltd. (located in Mawana, India) is a paper-manufacturing unit incorporated in 1980 by Sangal family. Since 1980 we have been committed to

quality and competitive pricing policy which has helped us in emerging as one of the leading players in paper manufacturing industry. Presently the company is a major manufacturer and supplier of newsprint paper. To keep pace with increasing demand, the company has added a lot of specialized grades of products to its portfolio and has increased its capacity to current level of 36000 TPA.

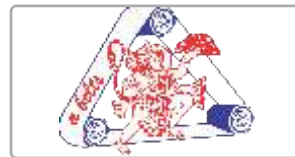
At Sangal Papers Ltd preservation of environment has always been of foremost importance. All the products are manufactured from 100 % recycled grade of waste paper. In addition to this, we have our own effluent treatment plant (ETP) which takes care of any chemical run-off, thereby preserving the environment. Company is using co-generation method for self-production of electricity by using steam generated turbines which are fully environment friendly.

Our focus is on attaining Global Quality and Customer Satisfaction. Quality being our primary concern, we follow standard quality measures at all production and processing stages. We conduct rigorous quality tests using advanced instruments and equipments. We enjoy a huge client base, as our products have reached beyond the national boundary.

We have three machines which are outfitted with a series of advanced equipments. Machine 1 caters to writing & printing, activity/high bulk and construction paper segment. Machine 2 is engaged in newsprint manufacturing. Machine 3

manufactures MG varieties. We are supported by a competent workforce, having years of rich industry experience behind them. Our marketing strategies and distribution systems are such that clients are served on the highest priority basis up to their utmost satisfaction.





...and many more



...and many more

Hyve

Wishes you a
Happy and Prosperous

Diwali

COMBATING
COVID-19

Basic
Protective
Measures



USE FACE MASK



CLEAN AND DISINFECT



WASH YOUR HANDS
FREQUENTLY



KEEP DISTANCE
FROM OTHERS



AVOID TOUCHING
EYES, NOSE OR MOUTH



STAY AT HOME
WHEN YOU ARE SICK