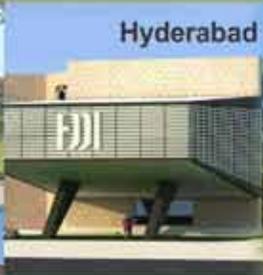




Guna



Hyderabad



Punjab



Gujarat

Patna



Jodhpur

**13<sup>th</sup> October 2017**

**Issue No. 645**



Kolkata

## Algae-based footwear developed by scientists

Scientists have developed algae-based flip-flops that could be an environment friendly alternative to petroleum-based slippers in countries like India and China.

what that it means that anything we make from petroleum we can ultimately make from algae," he said.



Rohtak

Three billion petroleum-based footwears are produced worldwide each year, eventually ending up as non-biodegradable trash in landfills, rivers and oceans.



Flip-flops are made from living algae oil and are 'sustainable.'

The flip-flops and other polyurethane products from living algae oil are "sustainable" because the carbon to construct them was pulled from the atmosphere, rather than underground oil reserves, researchers said.



Chennai

"These are the shoes of a fisherman and a farmer. This is the number one footwear in India, China and in Africa. One of the largest pollutants in the ocean is polyurethane from flip-flops," said Stephen Mayfield, professor at University of California San Diego, who led the research at UC Davis.

Scientists are seeking to also make them "biodegradable," by converting the algae oil into polyurethane in manner that will allow the carbon bonds to be degraded by microorganisms, they said. "The idea is to make these flip-flops in a way that they can be thrown into a compost pile and they will be eaten by microorganisms," he said.

(Source: The Hindu)



Chhindwara

## Leather footwear exporters face challenges: ICRA



Fursatganj

"Petroleum comes from algae that lived in the ancient oceans hundreds of millions of years ago," said Mayfield. "A lot of people do not know that. But

The appreciation in the value of the Rupee against major currencies, weak consumer sentiment in the European Union (EU) and significant drop in the value of the British Pound (GBP) has hit



Noida



footwear exporters hard and they are now focussing on domestic market to fare better, said an ICRA report. Leather and leather footwear export has been facing significant hurdles due to a challenging internal as well as external environment.

(Source: Business Standard)

## Italian fashion house Gucci to stop using fur

*Move reflects changing consumer tastes*

Italy's Gucci will stop using fur in its designs from next year, joining a growing number of fashion houses looking at alternatives after coming under pressure from animal rights activists and changing consumer tastes.



Gucci, part of Paris-based luxury conglomerate Kering, has seen its sales rise over the past two years under creative director Mr. Alessandro Michele.

Mr. Marco Bizzarri, Gucci's Chief Executive, said the brand would drop fur starting from its Spring and Summer 2018 collection, adding that the decision had been taken alongside Mr. Michele.

"In selecting a new creative director I wanted to find someone who shared a belief in the importance of the same values," Mr. Bizzarri said.

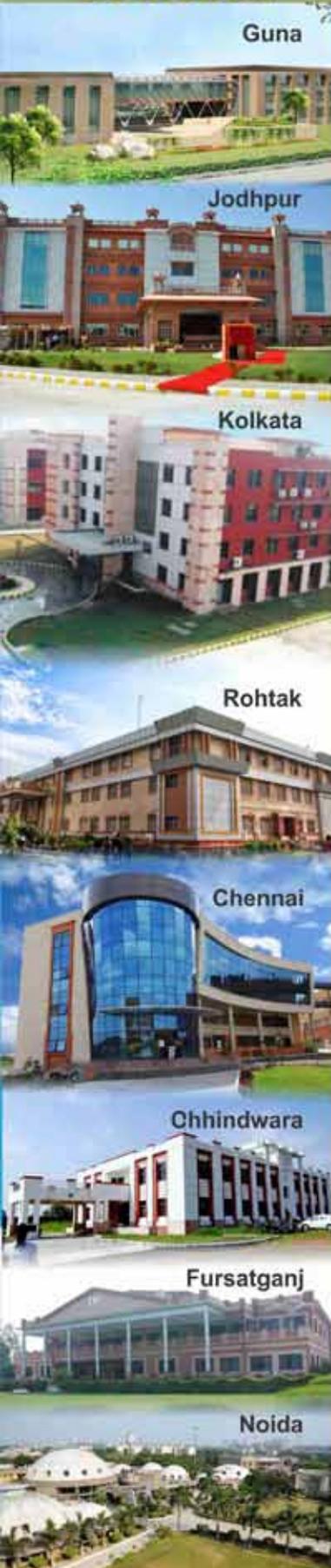
Gucci, which has produced fur-lined loafers and luxurious mink fur coats in the past, is the latest label or major retailer to stop using fur.

In June, Yoox Net-A-Porter, a multi-brand online luxury retailer, adopted a fur-free policy on accessories and clothing sold on the site.

Anti-fur protesters have been known to demonstrate outside catwalk shows at fashion weeks around the world to call for an end to practices many see as cruel to animals, and luxury goods buyers have become more sensitive to environmental issues, too.

Many top end labels are tightening their policies on how leather is sourced from tanneries and how they obtain furs, after a series of scandals over how animals are treated in breeding farms.

(Source: The Hindu)



## India is now the fastest-growing market for Amazon Prime

Amazon Prime membership in India has grown almost five times since the beginning of this year, making the country the fastest-growing among such subscribers for the e-commerce company globally.

“More Prime members joined in India than any other country in the first year,” Greg Greeley, Vice President, Amazon Prime, said during his India visit earlier this week. “It also had more people watching Prime videos in the first year than in any other country.”

Amazon doesn’t share its Prime subscriber numbers. Amazon Prime was offered at an introductory price of Rs. 499 when it started in India last July and the subscription will be increased to the original level of Rs. 999 in a matter of days.

(Source: The Economic Times)

## Future retail buys HyperCity for Rs.655cr

**Acquisition will take Future Group flagship arm’s store count to over 900**

Future Group has acquired HyperCity chain of hypermarkets from Shoppers

Stop for Rs. 655 Crore, the country’s top retailer said on October 05, 2017.



The buyout of HyperCity by Future Retail, the flagship arm of Future Group, through cash worth Rs. 155 Crore and shares worth Rs. 500 Crore would add more heft to Kishore Biyani’s growing supermarket business and consolidate its presence in Western India.

Positioned as a more premium hypermarket than Future Group’s Big Bazaar chain, HyperCity has 19 large outlets spread over about 1.4 million square feet of retail space in cities such as Mumbai, Hyderabad and Bengaluru.

“The board of directors has also approved to issue and allot in aggregate and up to 93,10,987 equity shares of Rs. 2 each fully paid up, collectively to the sellers at a premium of Rs. 535 per equity share on preferential basis,” Future Retail said in a press statement.



The Bombay Stock Exchange-listed Shoppers Stop owns 51% in HyperCity, while parent K Raheja holds the rest. The Economic Times, in its edition on September 9, first broke the news that Future Group is in talks with the promoters of HyperCity for a possible acquisition.

Over the years, Biyani has been on a buyout spree, pocketing one retail network after another, including Easyday chain from Bharti Enterprises, Delhi-based Big Apple, and southern chains of Nilgiris and Heritage Foods.

With the latest acquisition, Future Retail's store count will cross 900.

Founded in 2006, HyperCity has yet to turn profitable. It posted sales of Rs. 1,077 Crore in 2016-17.

(Source: The Economic Times)

**Compiled by:** Resource Centre (RCIP),  
Footwear Design &  
Development Institute (FDDI)  
(Ministry of Commerce &  
Industry, Government of India)  
A-10/A, Sector-24,  
NOIDA- 201301

**Phone :** + 91-120-4500100, 4500107  
**Fax :** + 91-120-2412556, 2411301  
**Editor-in-Chief:** Vivek Sharma  
**Asst. Editor :** Adarsh Kumar  
**Email :** ashish@fddiindia.com  
**Website :** http://www.fddiindia.com

## Physical Laboratory Testing Services

S.No.	Test Description	Charges in ₹
9.5	Colour fastness	200
9.6	Composition	600
9.7	Balance of twist	150
9.8	Thread abrasion	600
<b>10. TAPES &amp; BINDINGS</b>		
10.1	Bondability (self adhesive tapes)	600
10.2	Elasticity (Elastic tapes)	600
10.3	Colour migration	200
10.4	Breaking strength	600
10.5	Endurance test on elastic tapes	800
<b>11. FASTENERS</b>		
11.1	Resistance to repeated opening & closing	600
11.2	Lateral strength of slide fasteners	600
11.3	Strength of slide fastener pullers	600
11.4	Attachment of slide fastener Top stops	600
11.5	Attachment of slide fastener Bottom stops	600
11.6	Slider locking strength of slide fasteners	600
11.7	Security of attachment of retainer to lateral load	600
11.8	Security of attachment of retainer to long load	600
11.9	Tensile/Breaking strength	600
11.10	Tear strength	600
11.11	Peel strength (Velcro)	600
11.12	Shear strength (Velcro)	600
11.13	Corrosion (Metal fasteners)	600
11.14	Eyelet attachment strength	600
11.15	Strength of fastened buckles	600
11.16	Strength of buckle and strap attachment	600
11.17	Corrosion resistance	
a.	For the first sample	1000
b.	For the subsequent three samples (per sample)	200
<b>12. LACES</b>		
12.1	Linear Density	100
12.2	Breaking strength & elongation at break	600
12.3	Strength of bodkin attachment	600

FDDI ITC (NOIDA & CHENNAI) IS OFFERING FLAT 20% DISCOUNT ON ALL TESTING TO ALL THE CUSTOMERS TILL THIS FINANCIAL YEAR 2017-18

\* The said discount is not applicable on inter-lab testing & package fee

To be continued...