## Tech textile researcher to visit India

India's booming textile industry may have positive impacts on US cotton growers


SESHADRI RAMKUMAR AN associate professor at the Institute of Enviro metal Hu ? demonstrates the use of a needlepunching machine for the production of nonwoven textile products. Ramku mar's research, in part, led to the creation of Fibertect $^{\mathrm{TM}}$, a nonwoven cotton product whic


#### Abstract

By MERIDETH MURPHE Staff Writer 

Seshadri Ramkumar, associ- te professor at Texas Tech's ate professor at Texas Tech's Institute of Environmental and Human Health, will be venturing Human Health, will be venturing to Coimbatore, India to speak at to Coimbatore, India to speak at the Association of Nonwoven Fabrics Industry - or INDA Nonwovens Training Course, which will be held from Aug. 12-13. IND INDA, which has been hold- ing the workshop since 2007 ing the workshop since 2007, is a trade association which represents more than 300 leading global textile companies. According to its website, its mission is to prome mission is to promote the value and profitability of the nonwoand profitability of the nonwo- vens/engineered fabrics industry vens/engineered fabrics industry worldwide. "They are the leading trade association for the emerging textiles called nonwovens," Ramkumar said. the nonwovens research being done at Tech through their attendance of the International Conference for Advancement in Textiles, Machinery, Nonwovens and Technical Textiles - which and Technical Textiles - which was created by Ramkumar - and was created by Ramkumar - and became interested in collaboratbecame interested in collaborat- ing with Tech on the workshop. "Texas Tech University is the first and only, so far, partnering with them to offer this workshop in India," Ramkumar said "S in India," Ramkumar said. "So in that way we are the lead to col- laborate with the biggest trade association in the nonwoven area to offer the unique train- ing program on nonwovens in India." INDA also collaborates with


Tropical depression races toward BP's leaky well

| Y COLLEEN LONG AND HARRY WEBER The Associated Press |
| :---: |
| N THE GULF OF MEXICO |
| (AP) - A tropical depression racing |
| the Gulf of Mexico Thursda |
| inc |
| U.S. government to decide wherher |
|  |
| of the ruptured oil well. |
| Forecasters at the U.S. National |
| urricane Center in Miami said |
| storm system, which has already sed flooding in Puerto Rico, the |
| Dominican Republic and Haiti, could become Tropical Storm Bonnie |
| r Thursday and reach the Gulf of |
| Mexico by Saturday. |
| Seas already were |
| If Thursday, with waves up to |
| g |
| e if needed. Nonessential vessels |
| like barges and skimmers will like |
| est back to shore, Commande |
| Teri Jordan told the crew of the Coast |
| uard cutter Decisive at a mid |
| briefing. |
| She said they were awaiting an |
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|  |


and potentially put the relief well at some risk," BP vice president Kent
Wells said.
If the work crews are evacuated, it could be two weeks before they can
resume the effort tokill the well. That would upset BP's timetable, which called for finishing the releief tunnel by the end of July and plugging the blown-out well by early August. Scientists have been scrutinizing
Inderwater video and pressure dat underwater video and pressure data for days, trying to determine if the
capped well is holding tightor in ger of rupturing and causing an even bigger disaster. If the storm prevents
BP from monitoring the well BP from monitoring the well, the cap may simply be reopened, allowing oil to spill into the water, Allen said.
BP and government scientists were meeting to discuss whether the cap could be monitored from shore. As the storm drew closer, boat captains hired by BP for skimming duty were sent home and told they
wouldn't be going back out for five wouldn't be going back out for five of the Orange Beach Fishing Association in Alabama. In Florida, crews removed booms Panhandle from oil. High winds and
storm surge could carry the booms
into sensitive wetlands. into sensitive wetlands. Also, Shell Oil began evacuating employees out in the Gu
Even if the storm Even if the storm does not hit effort to contain the oil and clean it up. Hurricane Alex stayed 500 miles away last month, yet skimming in Alabama, Missisisippi and Florida was curtaile for nearly a week. Two miles under the seabed. It's now about four feet from the side of the well, although BP still has more than 100 feet to drill diagonally before the tunnel reaches the well. BP plans to insert a final string of casing, or
drilling pipe, cement it into place, drilling pipe, cement it into place,
and give it up to a week to set, before and give it up toa week treet, before
attempting to punch through to the blown-out well and kill it. BP's broken well spewed some where between 94 million and 184 million gallons into the Gulf
before the cap was attached. The before the cap was attached. The
crisis - the biggest offshore oil crisis - the biggest offshore oil
spill in U.S. history - unfolded after the BP-leased Deepwater Horizon rig exploded April 20
killing 11 workers.
an India-based consulting firm
called TecniTex Nonwovens, called TecniTex Nonwovens, hops.
Recen Recently, Ramkumar has been generating media attenion because the Environmental Protection Agency approved his
cotton-carbon invention, Fibertect, which also sparks international interest in Tech Larry Hobbs, vice president of manufacturing at Hobbs Bonded
Fibers - the company that Fibers - the company that
manufactures Fibertect - said manufactures Fibertect - said
Fibertect has brought a lot of publicity to Tech. "The Fibertect itself has generated a lot publicity for Texas Tech," Hobbs said, "and made Dr. Ramkumar's department a
leader in the U.S. for nonwoven leader in the U.S. for nonwoven
technology.".
Shawn Wade, director of comShawn Wade, director of comGrowers, Inc., said Ramkumar' forward thinking and connections in India helped foster this
prestigious relationship and can greatly benefit Tech. "The neat thing about Dr. Ramkumar's research is that it's very forward thinking," Wade said, "and it's kind of put him into some areas of research that a
lot of Tier One-type universities are shooting for."
Although India is the second largest cotton-producing nation in the world, the amount of cotton they produce cannot support heir growing textiles industry.
Wade said India's growin Wade said India's growing market for the U.S. because cot ton can be exported to India. "They've got so many people
to feed that they don't really
have the cotton land - the
extra land to grow a lot more extra land to grow a lot more
cotton," Wade said. "So, any upic in their textile production is probably going to be reliant on a ertain level of imported cotton to feed that industry and that's
what is important to the U.S." Ramkumar said that India's goals in the textiles industry are impossible to attain without mporting cotton and using it to fullest.
"When you grow the textiles ndustry into nonwovens and even have cotton," Ramkumar said. "So they need to import nd the United States can take that as a new and emerging He said the relationships he
building in India will help Lubbock's economy, but also has major benefits for Tech.
"This puts Texas Tel "This puts Texas Tech on an "ternational map," Ramkumar
said, "particularly when we are said, particularly when we are
aiming for Teir One. These are aiming for Teir One. These are which Texas Tech can claim they were the first to do. Hobbs has been in business and said, over the years, he and said, over the years, he business relationship because of Ramkumar's positive attitude and willingness to share what "He's fun to work with because he is so passionate about and I think anytime you find someone that passionate about what they do, they're going to be good at it."
"South Park" critic faces terror charges in Va. court
By MATTHEW BARAKAT
THE Assoccurte Press to travel to Somalia to join al-Shabab


## Tech hosts Hunt-Winston Solar Car Challenge



Gunbattles paralyze Mexican city across from Texas
$\qquad$ with gangs who forced citizens from their cars and used the ve hicles to block streets paralyzed
a border city, sound of gunfire border city, sound of gunfire of the Rio Grande.
The Nuevo Laredo city gov ernment posted messages on Fa cebook warning citizens to stay indoors as the battles erupted at
several intersections in the city everal intersections in the
across from Laredo, Texas. Frightened people on the
U.S. side of the border called emergency dispatchers after hearing the gunfire, Laredo
police spokesman Joe Baeza said police spokesman Joe Baeza said
Thursday. But he said there was no spillover violence.
"We wer
We were getting reports from people who live on the river's
edge that they could hear gunfire and explosions from the Mexico "We didn't have any inci
hard for people to understand
who don't live here," he added. "They're not Vikings, they're not
going to in-
vade us, it vade us, it
doesn't work that way."
Nu evo Laredo city
officials said officials said
they could not imme-
diately confirm witness
reports that We didn't have any $\begin{aligned} & \text { passed," the } \\ & \text { city govern- } \\ & \text { ment wrote }\end{aligned}$ incidents on the $\quad$ h e n American side. It's subsided, the hard for people to government understand who don't live here. reclaim their JOE BAEZA $\begin{array}{lcl}\text { several gun- } & \text { Spokesman } & \text { Laredo is } \\ \text { men were } & \text { Laredo Police Department } \\ \text { ailled. } & \begin{array}{l}\text { among sev- } \\ \text { eral northern }\end{array}\end{array}$ Gangs
used stolen
cars and buses to block several
turf batrle between the Gulf arar siege from a
cars and buses to block several
main avenues in the city across turf battle between the Gulf car- $\begin{aligned} & \text { tel and its former enforcers, the }\end{aligned}$ main avenues in the city across tel and its former enforcers, the
from Laredo, Texas. Several resi- Zetas gang of hit men. Violence from Laredo, Texas. Several resi- Zetas gang of hit men. Violence
astern border with the United States since the tw
earlier this year. Gangs have frequently blocked streets in the middle of the cities to thwart soldiers
coming to the aid of colleagues oming to the aid of colleagues nder fire. huahua, a banner appeared on bridge threatening violence against "innocents" unless the state government fires its chief of police intelligence,
Fernando Ornelas, the Diario de Juarez newspaper reported de Juarez new
Thursday.
The banner appeared in Che state capital, also called Chihuahua.
Last week, dr
Last week, drug gangs introduced a new threat to Mexico's
drug war, detonating their first uccessful car bomb. The attack killed a federal police officer and two others in Ciudad Juar-
ez, Chihuahua's largest city.

Dallas woman accused of murdering her children admits to poison attempt, cites autism as reasoning

## urban Dallas woman accused

 of killing her two young chil-dren told a 911 operator that she first tried to poison them because they were autistic and she wanted "normal kids," then
choked them with a wire until choked them with a wire until
they stopped moving, according they stopped moving,
to the recorded call. the recorded call.
Irving police on Wednesday Irving police on Wednesday
released recordings of the 911 call after Saiqa Akhter was charged with capital murder in the death of her 5 -year-old
son, Zain Akhter. Police said son, Zain Akhter. Police said
the children were attacked at the children were attacked at

Another capital murder charge is pending in the slay-
ing of her 2 -year-old daughter ing of her 2-year-old daughter day night, police spokesman David Tull said. In the recording released
Wednesday, the woman identiWednesday, the woman identi-
fied herself as Saiqa Akhter fied herself as Saiqa Akhter and
repeatedly told the operator she repeatedly told the operator she
killed her two children. At one point, the woman hung up and the dispatcher called her back. "I killed both of them. I told
you," she told the you," she told the operator.
Later, she explained that both
bedroom. "They are not doing anythey are not taking any breath and are not taking any breath and $\ldots$. their he
ing," she said. She told the operator she initially tried to poison the children with bathroom cleaner but hey refused to drink it. When on their necks," she said.
When the operator asked he woman why she attacked her children, she said, "They're both not normal, not normal
crame "I don't want my children to
be like that. be like
kids." Later, the dispatcher asked the woman what she was feeling "Nothing," she responded. At one point, water could be heard running in the background and the dispatcher asked
what the woman what she was what the woman what she was
doing. She told the operator she was trying to wash the smell of
cleaner off of her hands. The dispatcher ther hands. The to go sit on a couch in the living At the end of the recording At the end of the recording,
police can be heard arriving at police can be heard ant
the home.
Akhter has requested a courtappointed attorney but on hasn't been assigned to her case yet, an Irving jail official said
If convicted of capital murder Ak convicted of capital murder, penalty, though prosecutors
have not said if they will seek that punishment. Otherwise, she could face life in prison without Saiqa Akhter's uncle
Wasimul Haque, told The Dal las Morning News his niece had been depressed since moving into a new apartment in Irving. Haque said Zain had autism and a severe speech impediment but
had been improving and was in speech therapy.
The children's father, Rashid Akhter, emigrated from Pakistan in the late 1990s, the newspape reported. He married Saiqa, who also is from Pakis
years later, it said.
Zain was buried Wednesday
n Richardson, another Dallas suburb. Faryaal's funeral scheduled for Thursday.

## European growth rallies US Stock Market sales

had their biggest rally in two tors worldwide have been con- companies, stocks plunged weeks Thursday as earning cerned that rising government in the U.S. on fears that the
and economic reports reassured debt in investors that the economy is
continuing its recoury The Dow Jones industrial
average rose 201 point arter
stronne earnings from Caterpil.
tar Inc UPS strong earnings from Caterpil.
lar Inc., UPS Inc. and other
companies revived investors compainies revived rinvestors
optimismout the ever. A
better than expected report on housing and encouraraing signs
of growth in Europe added to
$\qquad$ Investors who have been
mostly selling on disappointing
economic and earnings numbers had, at least for the moment,
reasons to be buying. Caterpillar said its orders are growing ind production will pick up of spending by businesses. Cat-
rpillar's stock rose 2.1 percent, while UPS gained 5.9 percent.
Chris Hobart, founder of Hobart Financial Group in looks are especially important grow, that might get them to
ramp up hiring. If improved outlooks lead to
jobs growth, "then this can be jobs growth, "then this can be
better than a good quarter or good second half, (it can mean)
we've got a good economy,"
Hobart said. A report on the housing mar-
ket, while still showing a slowdown, was reassuring because
it wasn't as bad as investors expected. The National Asso-
ciation of Reattors said sales of
previously occupied homes fell previously occupied homes fell
to an annual rate of 5.37 mil-
lion in June from 5.66 million month earlier. Economists
forecast the sales rate to fall to
.18 million. forecast the
5.18 million Traders largely wrote off a
jump in the number of people seeking unemployment benefits
for the first time. The increase factors Instead investors fo cused on earnings from a broad range of companies that showed
businesses aren't seeing a slowdown in the recovery. News
of corporate deals also lifted $\stackrel{\text { shares. }}{\text { M }}$ kets rose after a report showed
unexpected growth in the
debt in Europe would stall a
global recovery. A jump in
Europe's purchasing managers
index reported Thursday was a
welcome relief after forecasts
of a possible recession on the
continent.
The economic reports out
of Europe were "a big surprise
because everyone expects that
to be the Achilles heel of the
global economy," said An-
thony Chan, chief economist
at J.P. Morgan Private Wealth
Management in New York.
It was problems in Eu-
rope that set off the big drop
in stocks in late April. As
Greece struggled to make
debt payments and ratings
agencies downgraded the domestic recovery was in jeopardy. Stocks then fell fur-
ther as U.S. economic reports ther as .S. economic reports
showed that the recovery was
at best bumpy. Some investors at best bumpy. Some innestors
feared a "double dip," or the feared a "double dip," or the
economy falling back into rec According to prelimi-
nary calculations, the Dow nary calculations, the Dow
rose 201.77, or 2 percent, to 10,322.3. The Standard \&
Poor's 500 index Poor's 500 index rose 24.08 ,
or 2.3 percent, to 10936 or 2.3 percent, to $1,093.67$,
while the Nasdaq composite while the Nasdaq composite
index rose 58.56 , or 2.7 perindex rose 58.56 , or 2.7 per-
cent, to $2,245.89$.
Only 397 stocks fell on the New York Stock Exchange, while 2,675 rose. Volume me to 1.2 billion shares.

## DAILLY

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"Dragon Quest IX" offers massive RPG adventure in a small package
fine. Rather than feeling like the develop-
ers were taking steps backward, I felt they ers were taking steps backward, I felt they
were looking back at what makes games enioyable in the first place. While it may be lacking in ploto or graphics, the game packs a lot of fun, especially for a portable title. you wherever you go, it's a good thing that the experience is pretty masive. Nintendo sent us a review copy of the game almost a week before its retail release, but that
wasn'tenough time to see everything there is to see in the game. You can easily play
for several hours while barely scaraching for several hours while barely cratching
the surface of the main adventure and there are plenty of side-quests and other thing, you could easily be playing for over 100 hours. Unfortunately, you'll be playing all
those hours on one save file, with one chan acter. The lack of additional files means you can never oo back to earlier parts of erasing all your progress), and it means you can't share your copy of the game with family or friends. "Dragon Quest IX" is a great, though not perfect game. It makes some sacrifices, but it provides one heck of a portable
adventure. It probably deserves aspot on any hardcore gamer's shelf, but if fou're
more intofast-pacedaction than the classic more into fast-pacedaction than the clasic
strategy and equipment management of oldschool RPGs, then you should probably stay away. C Peele is The DT's former opin-
ions editor. He will return to th ions editor. He will return to the britton.peele@ttu.edu


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Marijuana legalization could have financial, security benefits

 to mention the
absolute hypocabsolute hypoc-
risy of its criminal risy of its criminality compared to legality of alcohol and tobacco.
Though much more harmful

$\qquad$ Though much more harmful to the mercial and industrial, its recreational


#### Abstract

severely destabilit. cartel operations. It would cut a majority of the funding right out from under then Mexico has tried in recent years to legalize marijuana even if the US wouldn't, but eventually bowed und pressure from the US not to do so. ed to criminalize a plant which grow naturally on this planet. The majorit of the animosity and negative public sentiment against the crop is a resul of the lasting effects of the governmen propaganda against the substance that was popular in the earlier half of the was popular in the earier half of the last century, and if you don't believe last century, and if you dont believe this it will prove itself to be true as current generations' age and younge generations come to power. And if it supposedly makes people crazy or deprives them of motivatio in life, I guess one can just point to in life, I guess one can just point to scientist and astrophysicist Carl Sa scientist and astrophysicist Carl gan, or 14 -time gold-medal Olympia gan, or 14 -time gold-medal Olympian Michael Phelps, or numerous US presi dents including Bill Clinton, Georg Bush and Barack Obama. - Leal is a junior finance and conomics dual major from The Colony. >chris.lealettu.edu


Nolan lives up to his name with "Inception"


| Money might |  | But at |
| :--- | :--- | :--- |
| not grow |  |  |
| on Trees.... |  |  |

