



Wed, 6 Nov 2019

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## IIT Indore professor receives IEEE Chester Sall Memorial Consumer Electronics Award 2020

TNN | Posted on Wednesday, November 06, 2019

Anirban Sengupta is the second Indian scientist to have received the award



Professor of Computer Science and Engineering at IIT Indore since 2012, Anirban Sengupta has been conferred with the IEEE Chester Sall Memorial Consumer Electronics Award 2020 for his research on securing chips used in smart devices such as camera, camcorder and smartwatches.

Sengupta is the second Indian Scientist to have received the international award, which is adjudicated by a panel of eminent international scientists, fellows and technology leaders who serve on the award committee, governed under IEEE Technical Activities Board (TAB).

His research work secures chips in electronic products used for producing images, signals and videos. This innovation, considered a possible breakthrough in the field of

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The models will help in understanding the development of nano-devices and molecular machines using polymers



consumer electronics, makes a consumer technology secure and safe for users against cyber-attacks. This could also be immensely useful in healthcare for medical practitioners, radiologists, doctors against wrong diagnosis resulting due to tampered medical scans (from cameras and scanners used in CT scan) of a patient's internal body organ.

Sengupta will receive the prize at the 39th IEEE International Conference on Consumer Electronics collocated with the world's largest consumer electronics show in Las Vegas, which will be held from Jan 4-6, 2020.

Director of IIT Indore, Pradeep Mathur congratulated Sengupta for his achievement and emphasised the importance of identifying the best brains from around the world.

### [B-School students learn marketing and advertising skills at Kumbh Mela](#)

With the aim to understand the management concepts of Kumbh Mela 2019, management students took home



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# IIT faculty's ground breaking research gets int'l honour

FP CORRESPONDENT • INDORE

Anirban Sengupta, a faculty member of Indian Institute of Technology (IIT) Indore's Computer Science and Engineering department, has been conferred with the international prize - IEEE Chester Sall Memorial Consumer Electronics

Award 2020.

Sengupta has become the second Indian to have received this coveted international honour. It is one of the highest and most prestigious research awards bestowed by the IEEE Society (United States of America) for innovative and outstanding contribution made in the

field of Consumer Electronics.

Sengupta's research was based on securing chips used in smart devices such as camera, camcorder, smart watch, TV set-top box, medical imaging systems etc. His novel research work secures chips in electronic products used for producing images, signals and videos.



## HIGHLIGHTS

Vikram Puar, titular Maharaja of Dewas Puar clan, is son of BJP-MLA from Dewas, Gayatri Rajee Puar and late Tukoji Rao Puar.

• Bride-to-be Nivritti, belongs to a royal Rajput family hailing from Uttarakhand.

ADA!



A dancer displays graceful dance performance accompanied with sharp expressions at the Youth fest organized at DAVV on Tuesday.

# Good response prompts Vistara to start second

Chief Strategy Officer Vinod Kannan said that the airline soon would be starting off flights to other cities, optimistic on international flights if good

FP CORRESPONDENT • INDORE

Vistara airlines has been getting good response just a few days of its launch. The response prompted the company to start its second flight to Delhi starting Tuesday.

The company plans to start more flights from Indore to other destinations across the city and would also introduce international flights if good response continues.

Vinod Kannan, Chief Strategy Officer of Vistara airlines—a joint venture between Tata and Singapore airlines informed the above-mentioned upcoming strategies during the media interaction on Tuesday.

He said that Vistara Airlines is country's fastest growing airline and offers economy, business class and premium economy class.

It is also the first airline of the country that provides the facility of sanitary pads to the women passengers. The company started its services in 2015 and has grown up by almost 70% within the next four years.



## Evening flight from New Delhi to connect Singapore

- Kannan said that the company has started its second flight from Indore to New Delhi. The flight would start at 6.30pm from New Delhi and would reach Indore at 7.55pm.
- The return journey of the flight would start from 8.30pm and would reach New Delhi at 10pm.

- The flight would be helpful for fliers who would reach the national capital by the morning and plan to return back to the capital in the evening.
- On the other hand Vistara has a flight facility to Singapore during the late night hours, which provides connectivity to Indoreans planning to

Right now it has 35 aeroplanes that connect 34 cities every day. 30 of these routes are domestic, while four are international.

The company started flight operations from Indore to New Delhi from November 26. It also started another flight to the national capi-

## BETTER SECURITY

Two new security counters started at the airport on Tuesday to help passengers who had to stand in long queues. Now the number of security counters in the airport stand at five. New X-Ray machine has also been inducted for better security checks

## GOOD WORKS

# 10th anniv of reintroduction project celebrated at PTR

FP CORRESPONDENT • INDORE

When the tiger population in PTR (Panna Tiger Reserve) reached zero, it was on November 5 that tiger T-3 was brought to Panna from Pench Tiger Reserve for reintroduction. Today, the 54 tigers roaring in Panna are all the offspring of T-3, the male tiger that increased the tiger population in Panna. T-3 is also rightly called as the

'Bhishmapitahmah' of PTR.

Every year, on November 5, the forest department, celebrate the anniversary of the reintroduction project. This year the department celebrated 10 successful years of the project.

To mark its celebrations, the park management invited all those people who (in)directly made the project a success along with members of the group Friends with Panna. This is the first time when local villagers of



The project became success because of support from locals. There are no industries in Panna as people here are sensitive towards tigers

R SHRINIVASA MURTHY,  
Former Field Director, PTR  
Man behind 'reintroduction'

# Coveted int'l award for IIT Indore faculty

OUR STAFF REPORTER  
Indore

IIT Indore faculty member in Computer Science and Engineering, Dr Anirban Sengupta has been conferred with the international prize "IEEE Chester Sall Memorial Consumer Electronics Award"-2020.

Dr Sengupta is only the second Indian scientist to have received this coveted international prize. It is one of the highest and prestigious research awards bestowed by IEEE Council/Society (USA) internationally for innovative and outstanding contribution made in the field of Consumer Electronics.

The award is adjudicated by a panel of highly eminent international scientists, international fellows and technology leaders who serve on the award committee, governed under IEEE Technical Activities Board (TAB).

He will be conferred the



prize in the 39th IEEE International Conference on Consumer Electronics collocated with world's largest consumer electronics show at Las Vegas, USA on January 4-6, 2020.

Amongst many other institutes globally, Dr Sengupta chose to join and be a part of IIT Indore since 2012 because of its vision of being one of the top global, research-driven education-

al institutes with focus on multidisciplinary

The research of Dr Sengupta for which this prize is conferred, is on "securing chips used in smart devices such as camera, camcorder, smart watch, TV set-top box, medical imaging systems etc."

His novel research work secures chips in electronic products used for producing images, signals and videos. This innovation, considered a possible breakthrough in the field of consumer electronics, makes a consumer technology secure and safe for users against cyber-attacks. This could also be immensely useful in healthcare for medical practitioners, radiologists, doctors against wrong diagnosis resulting due to tampered medical scans (from cameras and scanners used in CT scan etc.) of a patient's internal body organ.

FOR THE BUREAU...

## आइआइटी के प्रोफेसर लास वेगास में होंगे सम्मानित

कंज्यूमर इलेक्ट्रॉनिक्स के क्षेत्र में उल्लेखनीय कार्य के लिए मिलेगा अवार्ड

पत्रिका PLUS रिपोर्टर

इंदौर ♦ आइआइटी इंदौर के कम्प्यूटर साइंस एंड इंजीनियरिंग विभाग के फेकल्टी मंबर डॉ. अनिबान सेनगुप्ता को इंटरनेशनल प्राइज आईईईई चैस्टर सेल मेमोरियल कंज्यूमर इलेक्ट्रॉनिक्स अवार्ड-2020 प्रदान किया जाएगा।



सेनगुप्ता भारत के दूसरे वैज्ञानिक हैं जिन्हें यह सम्मान प्रदान किया जाएगा। यह आईईईई काउंसिल

(यूसए) का कंज्यूमर इलेक्ट्रॉनिक्स के क्षेत्र में इनोवेशन और अद्वितीय योगदान के लिए प्रदान किया जाता है। इसके लिए गठित पैनल में इंटरनेशनल साइंटिस्ट, इंटरनेशनल फेलोज और अंतरराष्ट्रीय लीडर्स जो आईईईई टेक्निकल एक्टिविटीज बोर्ड (टीएवी) हैं, इन सबसे चयन किया। गुप्ता को स्मार्ट डिवाइस में जैसे रिसर्च कैमरा, कैमकोर्डर, स्मार्ट वॉच, टीवी सेट अप बॉक्स, मेडिकल इमेजिंग सिस्टम आदि में सिक्योरिटी चिप तैयार करने के लिए यह सम्मान दिया जा रहा है। डॉ. सेनगुप्ता को 4 से 6 जनवरी के बीच लास

वेगास (यूसए) में होने वाले दुनिया के सबसे बड़े कंज्यूमर इलेक्ट्रॉनिक्स शो 39वें आईईईई-2020 में सम्मानित किया जाएगा। यह रिसर्च इमेज सिग्नल और वीडियो प्रोड्यूस करने वाली इलेक्ट्रॉनिक्स डिवाइस को सिक्योर करने में कारगर साबित होगी। यह इनोवेशन साइबर अटैक्स से बचाने और कंज्यूमर टेक्नोलॉजी सिक्योर करने में भी मददगार साबित होगी। इसके अलावा मेडिकल के क्षेत्र में रेडियोलॉजिस्ट इसका प्रयोग बेहतर डाइग्नोस के लिए कर सकेंगे। आइआइटी इंदौर कंज्यूमर

इलेक्ट्रॉनिक्स, कम्प्यूटर साइंस के साथ ही साइबर फिजिकल सिस्टम, आइओटी, एम्बेडेड सिस्टम, ऑटोनोमस व्हीकल और स्मार्ट कार आदि को लेकर रिसर्च कर रहे हैं। इस अवसर पर डॉ. सेनगुप्ता ने कहा, आइआइटी इंदौर को हर तरह की सुविधा प्रदान करता है जो अंतरराष्ट्रीय स्तर पर रिसर्च के क्षेत्र में सम्मान बढ़ा सके। वर्तमान में संस्थान का रिसर्च एन्वायर्नमेंट और बेहतर इंफ्रास्ट्रक्चर ने ही इस रिसर्च में सफलता हासिल करने में मदद की है। इस उपलब्धि पर डायरेक्टर प्रदीप ने सेनगुप्ता को बधाई दी।

लखन: विधिन

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इं च न र न

ANCHOR

मप्र नाट्य विद्यालय के निदेशक आलोक चटर्जी से चर्चा

## आईआईटी इंदौर के प्रोफेसर को इंटरनेशनल अवार्ड

सिटी रिपोर्टर . इंदौर

इंडियन इंस्टिट्यूट ऑफ टेक्नोलॉजी (आईआईटी) इंदौर के कम्प्यूटर साइंस इंजीनियरिंग के प्रोफेसर अनिबान सेनगुप्ता को आईईईई चैस्टर साल मेमोरियल कंज्यूमर इलेक्ट्रॉनिक्स अवार्ड 2020 के लिए चुना गया है।

अमेरिका की संस्था आईईईई सोसायटी की ज्यूरी ने उन्हें इस अवार्ड के लिए चुना है। डॉ. सेनगुप्ता दूसरे भारतीय हैं जिन्हें ये अवार्ड दिया जाएगा। कैमरा, कैमकोर्डर, स्मार्ट वॉच, टीवी सेट टॉप बॉक्स और मेडिकल इमेजिंग सिस्टम जैसे स्मार्ट डिवाइस में उपयोग की जाने वाली चिप को

सुरक्षित बनाने पर की गई रिसर्च के लिए उन्हें ये अवार्ड दिया जाएगा। इस इनोवेशन के जरिए कंज्यूमर टेक्नोलॉजी को सायबर अटैक से ज्यादा सुरक्षित बनाया जा सकेगा। ये अवार्ड उन्हें 2020 न्म लास वेगास में होने वाली 39वीं इंटरनेशनल कॉन्फ्रेंस में दिया जाएगा।