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Grand Education Fair 2017



Indus University participated in Grand Education Fair 2017 held at Gujarat University Convention & Exhibition Centre from 14th – 16th June 2017. The Grand Education Fair was inaugurated by Honorable Chief Minister Shri Vijay Rupani where more than 300 different organizations participated and



promoted their education mission. The event was organized to guide prospective students in varied fields of under-graduate and post-graduate programs. At Indus University stall, large number of students with their parents inquired about various Engineering programs. Faculty coordinators who represented the varsity

included Prof. Bhavik Soneji, Prof. Samir Gopalan, Prof. Hitesh Bheda from Mechanical Engineering, MBA, & Information Technology departments respectively. ■



BTTD Symposium



Students from Metallurgical & Materials Science Engineering at Indus University participated in Behind the Teacher's Desk (BTTD) symposium held in Jamshedpur by National Metallurgical Laboratory (NML) from 22-23rd June'17. Students from the department presented papers and won prizes namely Ms. Sagarika Bhattacharya and Mr. Harsh Sojitra won second prize for presenting a paper on *'Review of Hydrometallurgical Route for Tungsten Carbide Scrap Utilization'*, Mr. Vishwaraj Sarvaiya won second prize for presenting a paper on *'Design and Fabrication of Die for Equal Channel Angular Extrusion of Aluminium and Copper Alloys'*, Mr. Darshan Ahra won second prize for presenting a paper on *'Characterization of Oxide Scale Formed on Water/*

Steam Side of Boiler Tubes Inside Thermal Power Plant', Mr. Darshan Ahra, Mr. Mohammed Junaid, and Mr. Jay Suthar were the winners of Cycle of Development: Innovation, Technology, and Entrepreneurship, under the sub-category called Energy Efficiency. One of the students Mr. Jigish Lakhani was interviewed and covered



in The Telegraph. This symposium was jointly organized by National Metallurgical Laboratory, Tata Steel, and Indian Institute of Metal in Jamshedpur. All the participants were thrilled with their creative effort at National level and the department extended gratitude for having brought laurels to the university. ■



Yoga Day Celebration 2017



Indus University celebrated The International day of Yoga on 21st June'17 with the Yoga Instructor Mr Kiran Rajgor explaining all facets of the *asanas* including its benefits before conducting the same. The early morning showers didn't dampens the spirits of the volunteers who arrived at the campus for the yoga session. ■



Supra SAEINDIA



Team Vayuputras of Motorsports at Indus University participated in the 6th edition of SUPRA SAEINDIA which was held from 26th June – 1st July'17 at Buddh International Circuit in Greater Noida. Faculty coordinators Prof. Sauravsinh Tomar & Prof. Jalpan Dave accompanied the team to the event. ■



Project Fair by EC & EEE



Electronics and Communication Engineering department at Indus University organized Project Fair of final year students on 15th May'17. The projects were judged by Mr. Arpit Patel, Professor in Electrical & Electronics Department, SAL institute of Technology and Engineering & Prof. Vrushank Shah, HoD Electronics & Communication Department, Indus University. Students demonstrated and explained their projects along with the poster. Both judges evaluated each project with positive feedback and appreciated the efforts put in by all project coordinators, who had used new approaches for solving problems faced by society and industry. The event was covered by a popular regional television channel Tv9 Gujarati. ■



Electrical & Electronics Engineering Department at Indus University organized Project Fair which entailed 25 projects of final year students displaying innovative ideas in the field of Electronics & Electrical Engineering. Few best projects included Smart Wheelchair is for physically impaired people; this chair is



controlled by gesture and can send emergency location messages. Swasth is a compact medical device which is user friendly and combines Galvanic, Ultrasonic and high frequency treatments for



different physiotherapy and derma treatments. i-TeCo is a sensor based intelligent temperature controller for food and packaging industry. Smart Green Railways showcases solar power solution for the Indian Railways trying to reduce 1700 cr rupees annual electricity bill of the prestigious government entity. Also a project which provides safety solutions for city commuters in Metro rail projects such as collision avoidance and emergency evacuation techniques for fire and smoke threat, with additional emphasis on renewable energy use. Many more project ranging from autonomous hexa-drones to multi-level autonomous parking were on display by the students. ■



Faculty Achievement

- ◆ **Prof. Mamta Amin** was an invited expert to be the panel member for conducting interviews for Mock Placement Event at Endeavour, Ahmedabad on 25th June'17. ■
- ◆ **Prof. Nirman Bhagat** is inducted as an Associate Member in "American Society of Civil Engineers". ■
- ◆ **Prof. Vaishali Parmar** published a research paper titled 'The Contemporary Urban Conundrum' in IIC Quarterly published on 19th April 2017. ■

Students' Achievement

A Final year EC student de-

signed vehicle tracking system using Google Maps for security purpose, which has been covered in Sandesh News paper on 19th June, 2017. ■

વિદિકલમાં વુમન સેફ્ટી માટે તૈયાર કર્યુ યુનિક ડિવાઇસ

અમદાવાદ : વુમન સેફ્ટી માટે જે પણ એવિલેક્ટ્રોનિક અથવા ડેટા નૅશન કરવામાં આવ્યા છે તે નતમ મોબાઇલ દ્વારા એપેન્ડ કરવામાં આવે છે. પરંતુ મોબાઇલમાં સાથે થતા ઊંડાણમાં જનસાધારણ એવું પણ અને જે કે વુમનને કરવાર કે પહેલાન કરવાર વાહન પોલીસ જ સામેની વર્તિનો મોબાઇલ અપરખરી પુરંક લઈ લે છે. અને વુમનને કરવાર કે છેડની કરવાર અસાધ્યતિક તત્ત્વો પણ જાણવા હોય છે કે મોબાઇલ દ્વારા એવેન્ટ મોડી રીકાઇ પર છે. તેના કારણે ન સૌથી પહેલાં વુમનને મોબાઇલ પર છે. પરંતુ ઈન્ડિયા યુનિવર્સિટીના ઈલેક્ટ્રોનિક એન્ડ કમ્યુનિકેશન ડિપાર્ટમેન્ટના ઈલ્લા સેમેસ્ટરમાં અભ્યાસ કરતી મરિયામ શાયક અને રિહા પારિયાને એક ડિવાઇસ તૈયાર કર્યુ છે. જેને તમે પોતાની કાર કે પબ્લિક ટ્રાન્સપોર્ટમાં ક્રોઇપલ જગ્યા પર ફિટ કરો છો. એ ડિવાઇસના ડિસ્ક પર બે વાયર દબ કરતા એવોમેટિક તેને મેસેજ પોલીસ સ્ટેશનની સાથે સેટ કરેલ હોય લાઈનમાં પણ જાય.



પબ્લિક ટ્રાન્સપોર્ટમાં મહિલાની સેફ્ટી માટે તૈયાર કર્યુ

અને આ પહેલા ઘણા ડિવાઇસ પણ હતા. પરંતુ તે લગભગ મોબાઇલ સાથે જોડાયેલ હતા. અને વિદિકલમાં ફિટ થાય તે પ્રકારનું ડિવાઇસ તૈયાર કર્યુ છે. જેના દ્વારા તમે પબ્લિક ટ્રાન્સપોર્ટમાં પણ સલામતીની સેફ્ટી જાણી શકો છો. જ્યારે પછ તમને કોઈકેસને અહેસાસ થાય છે તો તરત જ તમે આ ડિવાઇસને બે વાયર દબ કરો. જેથી એ મેસેજ પોલીસની સાથે મહિલા હેલ્પ લાઇનમાં પણ પહોંચી જાય. તે હોડાને અચાનકે ટોકન થાય અને સલામતીથી દેશ કરી શકો છો.

વિદિકલ ચોરી અથવા ઓકિડાડન્ટના કિસ્સામાં પણ ઇપ્સોગી યથે

વિદિકલમાં લગાવવામાં આવતા આ ડિવાઇસ માત્ર મહિલાઓ માટે જ ઇપ્સોગી છે તેમ નથી. પરંતુ આ ડિવાઇસ દ્વારા તમે પોતાની કાર વગેરેમાં અથવા એલિક્ટ્રોનિક ડિવાઇસમાં પણ ઇપ્સોગી સાથે જઈ છે. કારણ કે તેમાં લગાવેલ જી પી એસ ફિરમ દ્વારા તમે તેનું લોકેશન જોડા સમયામ મેળવી શકો છો. સાથે જ આ ડિવાઇસ ડેટા લ ફિટિંગ ક્યોયુ હોવાથી ઇશ્યને અસામતીથી દેવાર શક્ય નથી.



A project "vehicle tracking system using Google Maps" by **Mariam Shaikh** has also been covered by channel TV9 Gujarati, which is available on YouTube. ■



સુરક્ષાનું સાયરન

અમદાવાદ

i - Muse

Spirit of Man

- Prof. Arvind Joshi,
IDEA

Oh! The almighty NATURE
Can I call you GOD?
YOU did not provide me
The necessary Tools & Equipment to Survive!
But gifted me-the only animal with the most precious Gift
My mind with its capacity to overcome!

YOU did not provide me
The Fur to combat Cold
So I invented clothing!
With claws and teeth to prey.
So I invented Tools!
You left me in the cold to face your fury.
So I invented Shelter!
Inventing, overcoming, problems has become my second Nature!
From survival to conquest was obvious outcome!
AND now that having conquered you
I don't care for you.

TOMORROW
You may not provide me
Necessary food
I shall invent it!
Necessary water
I shall invent alternative!
Necessary Oxygen
I shall survive!
I shall not only survive but shall completely rule over you!



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