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Zishan Engineers Pvt Ltd.



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- International Conference on Science and Technology and Management
- 2nd Young Researchers National Conference on Water and Environment
- ITCN Asia IT & Telecom Show
- International Academic Conference on Development in Science and Technology
- International Energy Conference
- International Science and Technology Conference
- International Conference on Communication and Network Technology
- International Conference on Clean Energy and Renewable Energy

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A glance at Start-up Incubators and Start-up Accelerators in Pakistan

The transformation of ideas of youth into enterprise requires proper direction and support in Pakistan. In order to fulfil this gap, Start-up Incubators and Star-up Accelerators have been functional either locally or globally through collaboration in Pakistan as shown in Table 1 & 2, respectively.

Table 1 Start-up Incubators in Pakistan

S. No.	Start-up Incubators	Short Introduction
1.	Plan9	It comes under Punjab Information Technology Board's Tech Incubator, established in 2012. http://plan9.pitb.gov.pk
2.	THE NEST I/O	Jehan Ara is its founder since 2015. It works as partnership with Google for Entrepreneurs and Samsung. http://thenestio.com
3.	LUMS Centre For Entrepreneurship	It is located in Lahore and was ranked #1 in Pakistan by GUST Accelerator Report 2015 for Asia and Oceanic Region. https://lce.lums.edu.pk
4.	Technology Incubation Centre, NUST	It is hosted by NUST University since 2005. http://www.nust.edu.pk/
5.	NSPIRE	NSPIRE is a Business & Tech Incubator in Pakistan launched by NetSol. http://nspire.com.pk
6.	CINETIC NEDUET	It is a Business Incubation Center, located in NED University of Engineering & Technology, Karachi. http://www.neduet.edu.pk/
7.	IBA Aman-CED	The AMAN Center for Entrepreneurial Development (AMAN-CED) is envisioned to play a strategic role in promoting

		entrepreneurship in Pakistan and to create a new breed of youth and professionals who believe in opportunity recognition and new venture creation. http://ced.iba.edu.pk/
8.	Arpatech :	Arpatech is one of the world's finest technology hub since 2003. Its office is located in Karachi in Pakistan. https://www.arpatech.com
9.	The Incubator, GIKI	This incubator is hosted by Ghulam Ishaq Khan Institute of Engineering Sciences & Technology, Topi, KPK. https://www.giki.edu.pk/TheIncubator/
10.	Peshawar 2.0	Peshawar 2.0 is a social enterprise aimed at building a startup community in Peshawar, the capital city of Khyber Pukhtunkhwa. http://www.peshawar2.org/
11.	Microsoft Innovation Center	It has been established at Arfa Software Technology Park, Lahore. It is also active program at Karachi. https://www.pitb.gov.pk/mic_about
12.	Social Innovation Lab	The Social Innovation Lab (SIL), based in Lahore, enables change-makers to build sustainable social enterprises, create ecosystems that support social innovation and push for human-centered policy-making at the highest levels. http://socinnlab.org
13.	National Incubation Center	The National Incubation Center (NIC) is a first of its kind technology hub, launched under the public – private partnership of Ministry of IT & Telecom, National ICT R&D Fund, Jazz &

		Teamup. http://nicpakistan.pk
14.	Karachi Civic Innovation Lab –PIF	Pakistan Innovation Foundation – PIF an initiative of NUST Alumni, Mr Athar Osama. Karachi Civic Innovation Lab (KCIL) is set up to power social innovation and entrepreneurship across Karachi in order to overcome some of its greatest civic and social challenges through various specially designed programmes. http://www.pif.org.pk
15.	10XC Technology Startup Seed	10xC is a tech startup seed fund and used to make small investments across a large number of entrepreneurs and provide advisory support as needed. http://10xc.pk/
16.	SEED Incubation Centre (IC)	SEED Incubation Centre (IC), based in Karachi, is a joint venture by SEED and Funverks Global. http://seedincubation.com
17.	Wecreate-Pakistan	It serves as an entrepreneurial community center for women interested in starting or expanding an existing business. http://pakistan.wecreatecenter.com/
18.	Tecube	Tecube, Aptech Shahrah e Faisal's tech incubator, based at Karachi, was established in March 2017. http://www.tecube.pk
19.	DotZero	DotZero is a co-working and community space launched in July 2013 by a group of entrepreneurs aiming to create an enabling environment for technology start-ups. This Karachi-based initiative is Pakistan's first

		community space for entrepreneurs and technology enthusiasts to collaborate and exchange ideas. http://thedotzero.com/
20.	The Founder Institute	The Founder Institute is the world's premier idea-stage accelerator and startup launch program. https://fi.co/?target=karachi

Table 2 Start-up Accelerators in Pakistan

S. No.	Star-up Accelerators	Short Introduction
1.	PlanX	The Punjab Information Technology Board seeks to promote the sustainability of technology startups through PlanX which is Pakistan's first accelerator of its kind. It was founded in September 2014. http://planx.pitb.gov.pk/
2.	Invest2innovate (I2I)	Invest2Innovate supports startup communities in growth markets, and has been operating in Pakistan since 2011. http://invest2innovate.com/
3.	Telenor Velocity	Telenor Velocity is the first of its kind Digital Startup Accelerator, focusing on helping startups go to market, over a period of 4 months, by accessing Telenor Pakistan's scale and assets. https://telenorvelocity.com.pk/
4.	Disrupt Ventures	It was launched in 2016 as a prt of Disrupt Company that also runs an IT firm "Gaditek." https://disrupt.com
5.	SPRING accelerator	SPRING is an accelerator working with

		growth-oriented businesses on innovations that can transform the lives of adolescent girls aged 10-19 living across East Africa and South Asia. http://www.springaccelerator.org
6.	Jump Start Pakistan	Jump Start Pakistan is an initiative through which you can play your part in changing Pakistan. If you want to be part of this initiative, our only requirement is for you to have an Entrepreneurial Mindset! http://www.jumpstartpakistan.com
7.	Serendipity	Serendipity is a tech accelerator helping Pakistani startups achieves growth in a unique ecosystem. http://www.serendipity.pk
8.	JAZZ XLR8	JAZZ XLR8 accelerator provides global affiliation to help expand your startup to countries around the globe. http://jazzxlr8.com.pk

A New Headset “AlterEgo” Reads the Thoughts developed by MIT

Researchers at the Massachusetts Institute of Technology have developed a computer interface AlterEgo Headset that can recognise the words thought and which are still not spoken out.

The device, called AlterEgo, can identify what is going on in your brain without speaking. It is a wearable device where the head is an extension of the jaw curves and is connected to a computer system. The electrodes in the device capture the musculoskeletal signals in the jaw and face caused by thinking. Speech is undetectable and observable for the human eye. The signals are fed to the machine's automated learning system, which uses neural networks to determine what you are trying to say. The device can answer any queries such as time, commodity prices, etc. This is done through the sensors in the device, which picks signals from seven main areas along the neck and jaw to enable the speaker to recognize what you think and graduation in the form of words and the video is located in the last news.



“The motivation for creating this device was to create more interaction between humans and technology without effort,” said Arnf Kapoor, a graduate student at the Massachusetts Institute of Technology who led the development team of the new system. “The more we interact with computers, the more we gain from their strengths, Help solve a problem or translate what we want without the need to search, click or write.”

Researchers at the Massachusetts Institute of Technology tested the device on 10 people, each of whom used it for 15 minutes to answer some calculations performed by the person in silence, and reached the accuracy of the device to 92%, although not utter a word out loud! This is an out-of-the-ordinary comparison with the devices we interact with, such as smart phones and other devices. It's like science fiction, but the AlterEgo is now in development and is waiting for business to reach users

Source:

www.techmag.com.pk

China will Launch Two Remote Sensing Satellites for Pakistan in June, 2018

China launches remote sensing satellites on a Long March-2C carrier rocket from Xichang Satellite Launch Center in Southwest China's Sichuan Province, Dec. 26, 2017. As the third batch of the Yaogan-30 project, the satellites will conduct electromagnetic environmental probes and other experiments, (Xinhua/Liang Keyan).



China will launch two remote sensing satellites for Pakistan in June this year, according to the China Academy of Launch Vehicle Technology (CALVT). It is noteworthy that it will be the first international commercial launch for a Long March-2C rocket for around 18 years after it carried Motorola's Iridium satellites into orbit in 1999. One of the two satellites that are to be launched is an optical remote sensing satellite while the other one would be an experimental

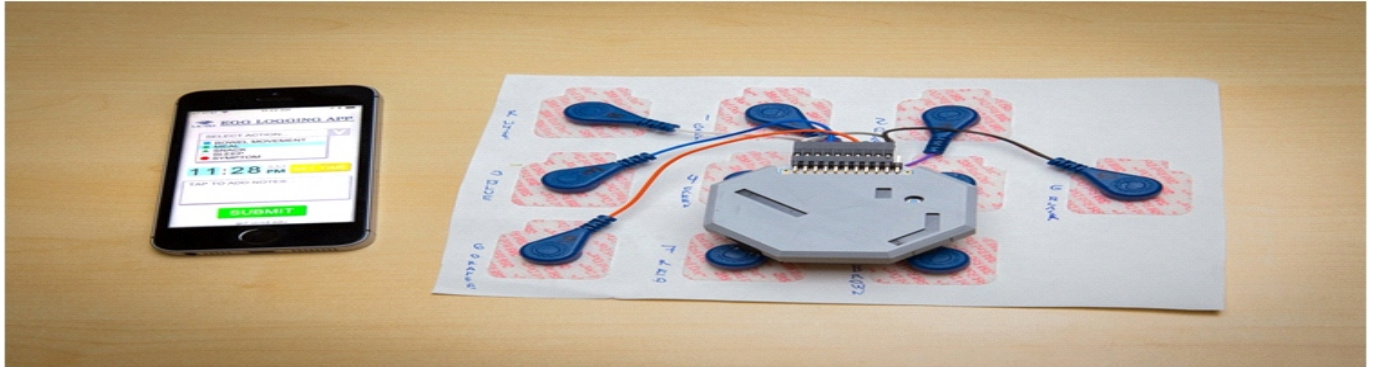
satellite. These satellites would be used for geo-monitoring and satellite imagery. The Pakistan Remote Sensing Satellite (PRSS-1) has been developed for fulfilling the multi-spectral imaging needs. Long March-2C rockets are mainly used to send satellites into low Earth or Sun-synchronous orbits. At the moment, Pakistan has only one satellite “PakSat-1R” into space, launched in 2011 which is being used for communication and data broad-casting.

Source:

www.xinhuanet.com

Tummy Tech Tracks Electrical Activity for Signs of Indigestion

A new wearable device that non-invasively monitors electrical activity in the stomach could help people with digestive problems determine with greater precision whether treatments or diets are working.



The stomach sensor syncs with an app to pair internal electrical signals with meals, bowel movements, and other gastrointestinal events. Photo: University of California San Diego.

If clinically validated, the stomach sensor could also help revive a medical technology called electrogastrography (EGG) that once piqued gastroenterologists' interest, but has largely fallen out of favor owing to controversy surrounding its diagnostic relevance.

EGG works much like an electrocardiogram, except instead of recording electrical activity of the heart it picks up electrical signals that travel through stomach muscles to control gastric contractions.

The method is designed to test whether so-called slow waves originating from pacemaker cells of the stomach are oscillating at a healthy 3 cycles per minute. But the signals detected by adhesive electrodes on the skin are often weak and muddled by artifacts of stomach movement.

“It’s promising technology,” says Thomas Abell, a gastroenterologist who routinely uses EGG at the University of Louisville but was not involved in the new study. “This might prove to be a clinically useful tool that people accept.”

Source:

www.spectrum.ieee.org

Forthcoming Tech Events

National

International Conference on Science Technology and Management

28-29 July, 2018

Rawalpindi, Pakistan

www.iastem.org/Conference2018/Pakistan/1/ICSTM/

2nd Young Researchers National Conference on Water and Environment

2nd-3rd August, 2018

Jamshoro, Sindh

www.ncwe.water.muet.edu.pk

ITCN Asia IT & Telecom Show

25-27 September, 2018

Expo Center, Karachi

www.itcn.asia.com

International Academic Conference on Development in Science & Technology

28-29 September, 2018

Rawalpindi, Pakistan

www.academicworld.org

International Events

International Energy Conference

3-7 June, 2018

Limassol, Cyprus

www.energy.con2018.org

International Science and Technology Conference

18-20 July, 2018

Paris, France

www.iste-c.net

International Conference on Communication and Network Technology

22-24 September, 2018

Stockholm, Sweden

www.worldconferencealerts.com

International Conference on Clean and Renewable Energy 2018

15-17 September, 2018

Chongqing, China

www.worldconferencealerts.com

Tech & Trade Offers

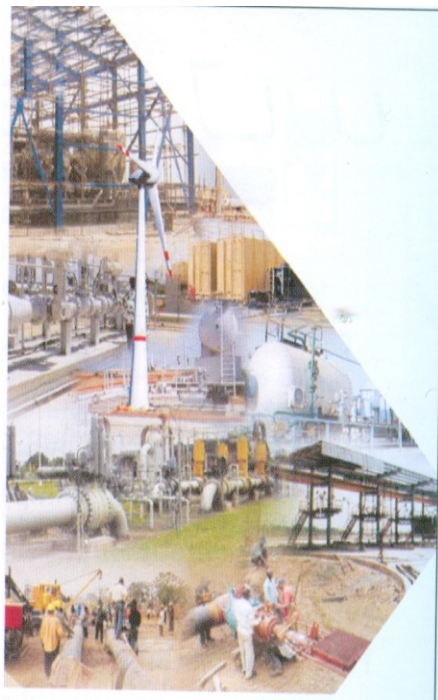
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About PASTIC

PASTIC serves as a gateway for Scientific & Technological Information for R&D by catering to the information needs of researchers, entrepreneurs, industrialists, educationists, policy makers and planners through anticipatory and responsive information services.

Technology Information Section works exclusively for support and promotion of technological information on trade and industry in the country. "Technology Roundup" is a news bulletin that provides latest and innovative technology news, forthcoming events, etc. It also promotes products, technologies and services globally in sectors such as Agro-Industry, Bio-Technology, Building Material, Business, Chemicals, Electronics, Energy, Fisheries, Food Processing, Machinery, Packaging, Mining Pharmaceuticals and Textiles.

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