

VOL:02, ISSUE:11  
JULY, 2019

# Informal

TO RISE ABOVE THE TIDE

EDUCATIONAL MAGAZINE

Main Hope of **A NATION** lies in proper  
**EDUCATION** of its **YOUTH**

Cover Story | Page: 14

**BRAIN CONSUMES  
HALF OF A CHILD'S  
ENERGY-NEW STUDY**

Page: 10

**7 PAKISTANI  
UNIVERSITIES  
PENETRATE IN QS TOP  
1000 WORLD RANKINGS**

Page: 11

**Bloomfield Hall officials Attended  
Training Session in Dubai**

Page: 27



Price: 100/-





# VITAMIN SE BHARA FRUIT KA PUNCH

Manufactured By:



**S.M FOOD MAKERS LIMITED.**  
1-km. New Central Jail Road, Multan, Pakistan.

facebook.com/gibspakistan    twitter.com/gibspakistan    instagram.com/gibspakistan  
www.smfoods.pk    info@smfoods.pk    +92 61 111 124 555

# CONTENTS

# J U L Y

Editorial Note	04
Letter to Editor	05

## SCIENCE FUSE

Two Earth-like planets discovered about 12.5 light years away	06
---	----

## TELL ME WHY

Tell Me Why Seasons Change?	07
-----------------------------	----

## INVENTIONS

Invention Story of Camera and Telescope	08
---	----

## RESEARCH

Brain Consumes Half of a Child's Energy-New Study	10
---	----

## ARTICLE

7 Pakistani Universities in International Ranking	11
---	----

## WISE ADVICE

Learn Well Today, Live Well Tomorrow!	12
---------------------------------------	----

## COVER STORY

Main Hope of a Nation lies in Proper Education of its Youth	14
---	----

## INTERVIEW

"We Believe Leaders Create Leaders" In Conversation with M. Jawad Siddiqi	18
---	----

## ARTICLE

Unwholesome Entertainment @ Precious Time	20
---	----

World Informal News	21 22
---------------------	----------

## ARTICLE

Exploring New Dimensions in Education Sector	24
--	----

## EVENT

Official Squad of Superior Group cherish in Northern region of Pakistan	25
China Tourism & Cultural Week 2019	26
A Sneak Peek of Bloomfield Hall officials Training Session in Dubai	27
School of International Studies in Sciences & Arts (SISA) Summer Camp 2019	28
Certification at the Robotics Club Pakistan	30



SHAHSONS



PENCIL

Goldfish®

www.shahsons.com



SHAHSONS



GRIP

PICASSO®

www.shahsons.com

# Editorial NOTE

Education nowadays is fully based on bookish knowledge, while the creative thinking part seems to be missing in our education system. The education system that we have today barely offers opportunities to the students to think individually based on their own capabilities. Different individuals have different talents and different learning abilities. The system however places stress on textbook knowledge a lot, thereby forcing students to resort to rote learning, which comprises memorizing facts and figures. Students must be involved in creative learning, physical education, music and other extra-curricular activities for their overall development. Focus should not only be on academic success of students. Educating children also means teaching them life skills. We need to bring some reforms in our education system so as to understand the creative talents of different students and prepare them for their life challenges accordingly. Our policy makers must understand that education is not only about books and exams and memorizing facts, formula and theorems. Education is when students learn something new. Unless students are motivated to use their creative skills in learning, bookish knowledge could leave them half-educated, devoid of capacity to deal with real challenges they will face in future. Well-educated students not only do well in life but also can contribute in nation-building. So apart from bookish knowledge, practical education is very important in schools for students, as it helps in overall development of the individual, society and the country.

**Farooq Ahmad Malik**  
(Editor-In-Chief)

JULY, 2019

Main Hope of **A NATION**  
lies in proper **EDUCATION**  
of its **YOUTH**



**Farooq Ahmad Malik**  
(Editor-In-Chief)

**Rana Umar Farooq**  
(Deputy Editor)

**Afnan Afzal Malik**  
Executive Editor

**Abdul Saboor**  
(Sub Editor)

**Talal Ishafaq**  
(Manager Marketing) + 92 331 921 1111

**Farhan Waqar**  
(Marketing Executive) +92 308 445 5333

**M. Naeem Mughal**  
(Sr. Graphic Designer)

**Saima Yousafi**  
(Administration Manager)

**Amjad Jamil**  
(Manager Printing & Distribution)

**Muhammad Kamran**  
Media Sales Representative (South)  
Email: syed.kamran@informal.pk  
Cell: +92 346 120 9991

**Legal Advisor:** M . Arif Parvez Butt  
(Advocate High Court Lahore)

**Office:** Munawar Chambers Office No-6,  
Mozang Road, Lahore. Ph: 042-37350442

**Head Office:** #249, 2nd Floor Ashiana center,  
78-D/1, Main Boulevard Gulberg III, Lahore.  
Ph: + 92 331 921 1111

Email: informal.pk@gmail.com | www.informal.pk

**Rawalpindi Office:** N-35/40, Opp. Police Station,  
Rawalpindi. 0333-811 5798

**Printed at: Hasnain Ilyas Printers**  
House#1 Basement Aslam Arcade,  
16 Macload Road Lahore. (PCPB / 174-1)

**Publisher:** Waseem Ahmed **Rs. 100/-**

Please send us your article, stories, events,  
pictures to publish in Informal Magazine at  
[informal.pk@gmail.com](mailto:informal.pk@gmail.com)

# Letter to the editor

I totally agree the issue that you mentioned in your cover story of last month. It is completely out of character for cutting down the Educational Budget and Funds. Your cover was a real catch not just for your readers but for authorities as well. You have developed a wonderful magazine. Keep it up.

**Mehak Sheikh (Lahore Grammar School)**

A wonderful magazine which is based on entertaining and informative content for students and which provides a real break from the serious and bored material to. It is beyond price. I just want to compliment you on your topic selection and I enjoyed reading variety of content in your magazine. Well done, this issue was a real deal breaker!

**Amir Shahzad (Punjab College)**

It was just delightful on several levels. It took me about half an hour to get it, but when I did I was taken away with the creativity of the understanding as well as serious content of your magazine. Most of the articles were playful and fun to read, especially cover story. I have for months been proud of the magazine and leave my copy in the school library when I finish reading.

**Omar Razaq (Forman Christian College)**

I adore your magazine for the ways it approaches the students with grace, balance and soul, the last issue left me with the same feelings. Thanks for an unsullied and distinctive reading experience. I've had the pleasure of reading your magazine. Keep it up!

**Momina Sarmad (LCWU)**

I am a big fan of informal magazine. You and your team do a wonderful job. You guys attempt a bump in the road and you do an educational magazine, really it's cool. I'd just like to compliment the magazine staff on the latest edition: I read it with great interest. So I just want to stay stick to what has earned the magazine its reputation for excellence.

**Alvina Shaheen (LCWU)**

I like the way your magazine highlight serious issues in simple and easy-said words. Informal never disappoint its reader and always surprise the readers with something different and interesting. In my view your magazine is a revolution in Education Industry.

**Kashif Butt (UMT)**

I eagerly await new issues of your magazine and I usually share them with my own students. It was thrilling for me to read your magazine. I would really love to be involved in the next one; I have been looking for opportunities to write more and more and would love to contribute.

**Abu Bakar (Punjab College)**

Informal a wonderful magazine which is based on entertaining and informative content for students and which provides a genuine break from the serious and bored material to. It is incalculable.

**Arslan Ali (University of Lahore)**

**Write us at [informal.pk@gmail.com](mailto:informal.pk@gmail.com)**

We received too many letters from our valued readers every month through mail and e-mail, however, due to shortage of space we are publishing only few selected letters.

[www.informal.pk](http://www.informal.pk) | 05

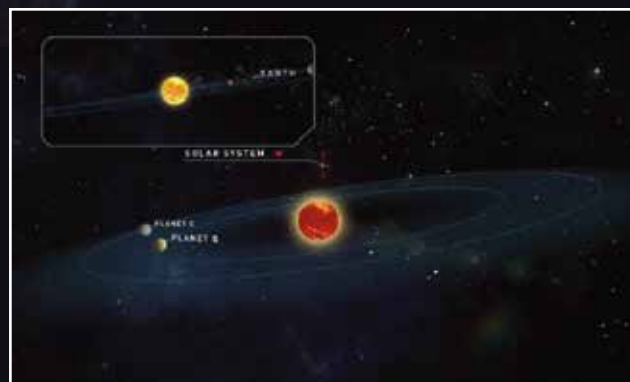


SHAHSONS

PICASSO®  
ORIA

www.shahsons.com

# TWO EARTH-LIKE PLANETS DISCOVERED ABOUT 12.5 LIGHT YEARS AWAY



An international research team has discovered two new Earth-like planets near one of our closest stars. Teegarden's Star is about 12.5 light years away and is one of the smallest known stars. The international research team led by the University of Göttingen has discovered two new Earth-like planets near one of our closest neighboring stars. "Teegarden's star" is only about 12.5 light years away from Earth and is one of the smallest known stars. It is only about 2,700 °C warm and about ten times lighter than the Sun. Although it is so close to us, the star wasn't discovered until 2003. The scientists observed the star for about three years.

Their data clearly show the existence of two planets. "The two planets resemble the inner planets of our solar system," explains lead author Mathias Zechmeister of the Institute for Astrophysics at the University of Göttingen. "They are only slightly heavier than Earth and are located in the so-called habitable zone, where water can be present in liquid form."

The astronomers suspect that the two planets could be part of a larger system. Many stars are apparently surrounded by systems with several planets. Teegarden's star is the smallest star where researchers have so far been able to measure the weight of a planet directly. This is a great success for the Carmenes project, which was specifically designed to search for planets around the lightest stars. "An inhabitant of the new planets would therefore have the opportunity to view the Earth using the transit method," says Reiniers. The new planets are the tenth and eleventh discovered by the team.

Although planetary systems around similar stars are known, they have always been detected using the "transit method", the planets have to pass visibly in front of the star and darken it for a moment, which only happens in a very small fraction of all planetary systems. Such transits have not yet been found for the new planets. But the system is located at a special place in the sky: from Teegarden's star you can see the planets of the solar system passing in front of the Sun.



SHAHSONS

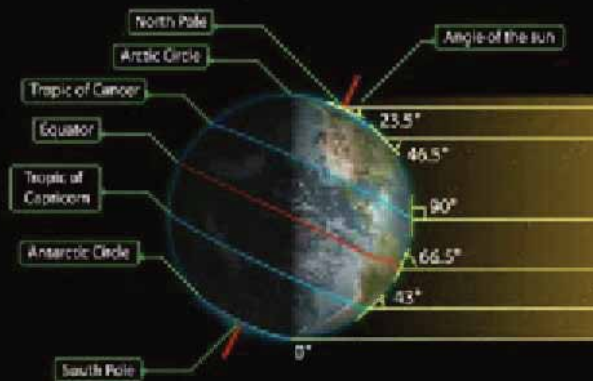
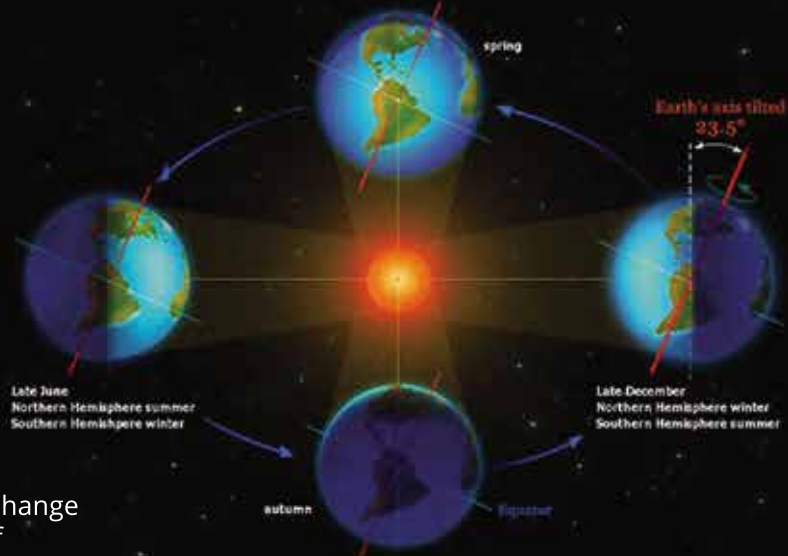
# Tell Me Why SEASONS CHANGE?

**D**uring the year, the seasons change depending on the amount of sunlight reaching the Earth as it revolves around the Sun. The seasons are caused as the Earth, tilted on its axis, travels in a loop around the Sun each year. Summer happens in the hemisphere tilted towards the Sun, and winter happens in the hemisphere tilted away from the Sun. As the Earth travels around the Sun, the hemisphere that is tilted towards or away from the Sun changes.

The hemisphere that is tilted towards the Sun is warmer because sunlight travels more directly to the Earth's surface so less gets scattered in the atmosphere. That means that when it is summer in the Northern Hemisphere, it is winter in the Southern Hemisphere. The hemisphere tilted towards the Sun has longer days and shorter nights. That's why days are longer during the summer than during the winter.

In general, the further away from the equator you travel, the cooler summer and winter temperatures become. At the equator there are no seasons because each day the Sun strikes at about the same angle. Every day of the year the equator receives about 12 hours of sunlight. The poles remain cool because they are never tilted in a direct path of sunlight. Much light is scattered by the atmosphere before reaching the Earth surface at the poles. During midwinter, when a pole is tilted away from the Sun, there is no daylight at all. The sun never rises! However, during the summer, a pole receives sunlight all the time and there is no night!

Sometimes it is the North Pole tilting toward the sun (around June) and sometimes it is the South Pole tilting toward the sun (around December). It is summer in June in the Northern Hemisphere because the sun's rays hit that part of Earth more directly than at any other time of the year. It is winter in December in the Northern Hemisphere, because that is when it is the South Pole's turn to be tilted toward the sun.



Earth has seasons because its axis is tilted. Earth rotates on its axis as it orbits the Sun, but the axis always points in the same direction.



**December:** Summer south of the equator, winter north of the equator. The Sun shines directly on the Southern Hemisphere and indirectly on the Northern Hemisphere.



**March:** Fall south of the equator, spring north of the equator. The Sun shines equally on the Southern and Northern Hemispheres.



**June:** Winter south of the equator, summer north of the equator. The Sun shines directly on the Northern Hemisphere and indirectly on the Southern Hemisphere.



**September:** Spring south of the equator, fall north of the equator. The Sun shines equally on the Southern and Northern Hemispheres.

Red  
JUMBO WAX CRAYON

JUMBO CRAYON

Goldfish®

www.shahsons.com



# INVENTION STORY OF CAMERA

**H**istory of the camera goes back to the 11th century; a time known as the golden period of Muslims. During that period, a Muslim Arab scientist Ibn Al-Haytham, who was an expert in optics – invented the camera known as the Pinhole camera. Pinhole camera was made of a wooden box that was dark from inside. This invention was a major breakthrough in understanding how light works and forms an image. The solution to the preservation of images came when Nicephore Niepce developed a paper that was sensitive to light. This sensitive paper was coated with silver chloride. When the light was directed towards the paper, it turned dark. Mr. Niepce found this discovery useful in photography. During his development, he partnered with Mr. Louis Daguerre. Mr. George Eastman developed flexible roll film for making negatives of the images in his camera named as “Kodak”. The flexible roll films made the camera very compact and easy to carry. The first true digital camera was made in 1988 and was called Fuji DS-1P. It had 2 MB SRAM for storing a digital image until the image was transferred to a computer.



# Invention Story of TELESCOPE

**T**elelescope is one of the instruments that were not invented by a scientist. Instead, it was invented by a Dutch eyeglass maker Hans Lippershey. His telescope magnified the distant objects about 3 times. A great scientist Galileo Galilei when heard about this new invention, He started to build his own telescope, without ever watching the Dutchman’s instrument. He made an improved version of the telescope which magnified the distant object 8 times. He turned his telescope to the sky and watched the planets, and their moons. Galileo continued to improve his telescopes and made one with the power of 100, which helped him to study the sky further. Isaac Newton made the first reflecting telescope. All the new powerful telescopes were built using the reflecting mirrors and lenses were used in smaller telescopes. The Break-through came in the 20th century when scientists sent the first telescope Known as “Hubble Space Telescope” into space in the year 1990. This telescope orbits 600 km above the Earth.







# SCHOOL CRAFTS

FOR SCHOOLS AND PARKS

NATIVE GROUP

[www.schoolcrafts.com.pk](http://www.schoolcrafts.com.pk)



- ★ **Montessori Furniture / Montessori Material**
- ★ **School Furniture - Educational Toys**
- ★ **Indoor Soft Play / Outdoor Play Equipment**



## FACTORY / DISPLAY CENTRE LAHORE

Plot No. 283 Opposite Kot Lakpath Railway Station, Peco Road,  
Near Naeem Electronics, Lahore, Pakistan. Cell # 0300-9488890

## DISPLAY CENTRE RAWALPINDI

Plot # 851 A-1, Near Signal Army Unit, Main Peshawar Road,  
Opp Chure Depo, Rawalpindi Cantt, Pakistan. 0309-9488890



SHAHSONS

# BRAIN CONSUMES HALF OF A CHILD'S ENERGY-NEW STUDY



**A** new study proposes that variation in the energy needs of brain development across kids in terms of the timing, intensity and duration of energy use could influence patterns of energy expenditure and weight gain.

Weight gain occurs when an individual's energy intake exceeds their energy expenditure in other words, when calories in exceed calories out. What is less well understood is the fact that, on average, nearly half of the body's energy is used by the brain during early childhood. When kids are 5, their brains use almost half of their bodies' energy. And yet, we have no idea how much the brain's energy expenditure varies between kids. This is a huge hole in our understanding of energy expenditure.

"A hypothesis linking the energy demand of the brain to obesity risk," co-authors Christopher Kuzawa of Northwestern University and Clancy Blair of New York University School of Medicine, propose that variation in the energy needs of brain development across kids in terms of the timing, intensity and duration of energy use -- could influence patterns of energy expenditure and weight gain.

The major aim of this research is to bring

attention to this gap in understanding and to encourage researchers to measure the brain's energy use in future studies of child development, especially those focused on understanding weight gain and obesity risk. According to the authors of this study, another important unknown is whether programs designed to stimulate brain development through enrichment, such as preschool programs like Head Start, might influence the brain's pattern of energy use.

This new hypothesis was inspired by Kuzawa and his colleagues' 2014 study showing that the brain consumes a lifetime peak of two-thirds of the body's resting energy expenditure, and almost half of total expenditure, when kids are five years old. This study also showed that ages when the brain's energy needs increase during early childhood are also ages of declining weight gain. As the energy needed for brain development declines in older children and adolescents, the rate of weight gain increases in parallel.

This study helped confirm a long-standing hypothesis in anthropology that human children evolved a much slower rate of childhood growth compared to other mammals and primates in part because their brains required more energy to develop.



MARKER

PICASSO®

www.shahsons.com

# 7 PAKISTANI UNIVERSITIES PENETRATE IN QS TOP 1000 WORLD RANKINGS

- Pakistan Institute of Engineering and Applied Sciences (PIEAS)
- National University of Sciences And Technology (NUST) Islamabad
- Quaid-i-Azam University
- Lahore University of Management Sciences (Lums)
- Comsats Institute of Information Technology
- University of Engineering & Technology (UET) Lahore
- University of Punjab



QUAID-E-AZAM-UNIVERSITY

The UK-based rating agency, Quacquarelli Symonds (QS) has released its rankings with seven Pakistani universities making the list of the world's top 1000 universities. All seven Pakistani universities to have made the list are based in either Lahore or Islamabad.

The Massachusetts Institute of Technology has got the top position in the world according to the QS University Rankings 2019. It is then followed by Stanford University and Harvard University respectively. Furthermore, Seven Pakistani Universities have also made their way to the list of top 1000 Universities around the globe. The Pakistan Institute of Engineering and Applied Sciences (PIEAS), an Islamabad-based varsity is one of them. It has been ranked as the country's highest-ranking varsity at 397.

National University of Sciences and Technology (NUST) Islamabad has also improved its position significantly from 417 to 400. Its overall score is 28.2. The third Pakistani university in the list is

Quaid-e-Azam University that occupies the ranking range of 511-520, marking an improvement from 551-560 last year.

As for the other universities, COMSATS, University of Engineering & Technology (UET) Lahore, and University of Punjab ranked in 801-1000. COMSATS plunged down a few slots this year, as it was ranked in 751-800 last year. Lahore University of Management Sciences (LUMS) was ranked in the range 701-750. It cannot be determined whether the university improved or not, as QS only gives only a range for low-ranked universities.

The only change in the top five sees University of Oxford (5th) overtaking University of Cambridge, which has now been relegated to the sixth spot. However, the gloomy part is that no university from Sindh, K-P, and Balochistan has made its way to the global ranking. Therefore, all the institutes of Pakistan should put in effort to raise their standards so that they can be included in top universities of the world.



PIEAS AUDITORIUM





# LEARN WELL TODAY, LIVE WELL TOMORROW!

Internationally schools at nursery or kindergarten level allow children to play with clay, crayons and colors, because what students draw it express their thoughts and with the help of it teachers can shape their ideology and thought process in a better way.



SHAHSONS

PICASSO®  
PERMANENT MARKER

MARKER

PICASSO®

www.shahsons.com



SHAHSONS



ERASER

Goldfish®

www.shahsons.com

The key to nursery education is to provide children with a warm, safe environment where they feel comfortable to explore. Nursery is the first place where the child builds his/her self-esteem. A child learns the importance of his own name, things and friends. Every child learns to communicate with his teachers and fellow students in the nursery. It is the right place for the child's foundation for lifelong progress. The skills and knowledge that the child develops in the nursery have a great impact on the aptitude and attitude of the child later in life.



As a child grows, he or she should be exposed to a learning environment. This will prepare the child for joining the primary school. Otherwise, there will be a big possibility that the kid will be left behind. Young kids can learn, take in, and understand information quickly especially if they are very much interested. Therefore, it is essential that they are encouraged to study, and this can be done by adding fun and enjoyment to the learning environment.

an opportunity to interact with their peers, and their parents and instructors treat them kindly. They bloom well in a tension free environment. Besides they comprehend and learn things better if they are introduced to new things in small portions.

In general, nursery class teaches important areas which include communication or language, mathematical development, as well as physical, social, mental, and creative development. All of which will be covered by qualified preschool teachers who use structured and imaginative play.

Internationally schools at nursery or kindergarten level allow children to play with clay, crayons and colors, because what students draw it express their thoughts and with the help of it teachers can shape their ideology and thought process in a better way. In abroad, teaching staff is highly qualified and trained for this very purpose.

Moreover childhood education specialists claim that young children learn best when they have

International schools promote creative sport activities and competitions, to create an essence of doing things in better way, team work, unity and effort at early age. They promote the Learning activities which shape the children habits more than their knowledge or grades. They also teach their children about survival how to hide in attacks, how to be safe in earth quakes, in case of fire, in any disaster. They teach the children about the disaster management especially in Japan where threat of tsunami is high.

Unfortunately, many of these elements lacks in Nursery education in Pakistan as academic centers just focus on a couple of fun activities and expect students to learn in that confined zone. Schools at nursery levels in Pakistan should involve students in various oral activities like poem recitation, storytelling, role-playing, singing songs, hymns and prayers. All these activities help in improving oratory skills which in contemporary time is lacking in our students.





SHAHSONS



GRIP

PICASSO®

www.shahsons.com

# Main Hope of **A NATION** lies in proper **EDUCATION** of its **YOUTH**

In Pakistan 3 out of every 4 students have not read a single book outside of their course, whereas in America and other high performing nations, a student reads up to 200 books (on an average) besides their course.





**An average American teacher make 39000 to 69000 US dollars yearly where in Pakistan a teacher can only make up to 8000 to 1200 US dollars yearly which is not an appealing amount.**

**W**e all are well aware of how much education matter in progress and survival of a nation. Education is not restricted to school, colleges or universities only it can be acquire by other means and educational institutes play a vital role in maintaining educational quality of a nation. In Pakistan if one is unable to attend college, school or university he can still get through with a little extra effort by private appearance in examinations but not many are aware of this. As compare to Pakistan educational system on which 2.8% is spent of the total GDP. This figure is equal to 490 million US dollars where USA spending on education was around 69.4 billion dollars in 2017 which was later increased by 1.4 billion dollars, where Japan educational budget is 35.6 billion dollars. As compare to these countries Pakistan's educational budget, system and way of doing things is decades behind. In America, Holland, Germany and all top educational stature nations have some significant differences from Pakistan educational system.

In Pakistan the attendance of students of both genders is around 66%, not a good figure any educational analyst can tell that youth and children are not taking any interest in education. As compare to it in Japan the attendance is around 99%. Likewise, all countries with good educational system have a high attendance rate.

Education in Pakistan is under the Federal

Ministry of Education and the provincial governments, where the federal government mostly assists in curriculum development, accreditation and in the financing and funding of research and development. Article 25(A) of Constitution of Pakistan which put obligation on the state to provide free and compulsory quality education to children of the age group 5 to 18 years.

In Pakistan educational system is divided in federal and provincial system. Where by educational level it is under following division: Stages of formal education, Primary education, Secondary education, Tertiary education, Quaternary education, Non-formal and informal education

Where in foreign countries the educational system is under government who has special considerations, funding system, an online channel for complains and project submission. American or all top educational institutes have similar system but different adaptations like funding, teaching staff, methodology, clerks and teaching equipment. They have highly trained and highly paid staff. It is a human nature to consider a job more worthy on base of how much we get paid for it. An average American teacher make 39000 to 69000 US dollars yearly where in Pakistan a teacher can only make up to 8000 to 1200 US dollars yearly which is not an appealing amount.

In Pakistan there is no culture of book reading, in





SHAHSONS



ORIA

PICASSO®

www.shahsons.com

## COVER STORY

Pakistan 3 out of every 4 students haven't read any book outside of their course, whereas in America and other high performing nations a student reads up to 200 books (on an average) besides their course. If something evolve your thinking it is not just your course work but thoughts that counts and led to your depicted behavior. Many students don't like to read because it's hard for them. Teachers should teach them reading strategies (i.e. constant reading) to help them feel confident and read fluently.

In Pakistan the budget on education, training of teachers, educational staff and making of better policies is not in good lights as compare to the foreign nations who have a well define national educational policy and a well define system to keep things in check. In Japan, America and UK teachers are highly paid and highly trained for education. In Japan and top countries on educational chart the students are taught in cognitive way, whereas in Pakistan cognitive learning is not practiced. We all are aware of the fact the from age of 1 to 7 years the children can learn with cognitive learning and in this you can teach him or make him memorize anything and that's why in top educational institutes like Holland, USA and Japan all schools focus on cognitive learning from age of 1 to 7 years, but in Pakistan 90% of children are wasting their time playing games and watching TV shows. Later after the age of 7 years the things are taught to them on the basis of repetitive learning.





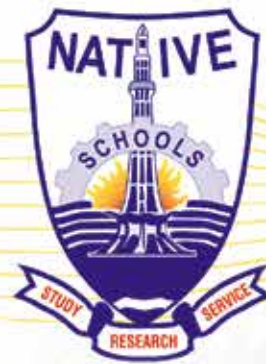
# NATIVE SCHOOLS

NATIONWIDE

# FRANCHISE CALL

& CONVERT YOUR EXISTING SCHOOL

SINCE 1981



## NATIVE SCHOOLS



## JOIN TODAY!

TO BECOME OUR BUSINESS PARTNER  
OWN A SECURE & SUCCESSFUL BUSINESS VENTURE

NETWORK OF 35 BRANCHES ALL OVER PAKISTAN AND GROWING



Qasim Ali Shah  
Director



Mian Atif-ur-Rahman  
CEO



Mian Riza-ur-Rahman  
Managing Director

### OUR SERVICES & SUPPORT

- Conceptual Method of Studies & complete Planning
  - Activities based learning
- Media Coverage & Marketing Assistance
  - Chinese Language Program
  - Centralized Examination System
  - Grooming Activities
- Career Counseling and Character Building
- Special Focus on Sports & Extra Co-Curricular
  - Regular Quality Assurance Surveys
  - Online School Management System
  - Regular Training and Supervision

 [native.edu.pk](http://native.edu.pk)

# “We Believe Leaders Create Leaders”

In Conversation with  
Muhammad  
**Jawad Siddiqi**

*Is the Operations Head of “The Knowledge School Network”*

**Q. Tell us about yourself and your astonishing exposure?**

**Ans.** I have always been very enthusiastic and keen to contribute positively towards the society, and my current position as Head Operations at TKS reflects it truly prior to this. I have been connected to the field of Education, Business Management and Administration. I have worked with MNCs in FMCG and hospitality industry.

**Q. How “The Knowledge School” is changing the society towards betterment?**

**Ans.** TKS is a part of ILM trust which was established in 1990 with a vision of introducing new trends in the education sector of Pakistan. Its educational initiatives are a symbol of success and quality today, both at National as well as International level. Contribution towards the progress of Pakistan and producing globally responsible citizen is the core mission of ILM Trust.

**Q. Enlighten us about the strengths infused into students by your institute?**

**Ans.** Our main focus is on moral and Islamic value based Education. We have introduced an exclusive subject for this purpose, “Life & Learning”. A TKS student is a self-motivated, confident and an energetic individual, who aims at achieving excellence in every field of life. The incorporation of hands-on activities and concrete learning resources at the very basic level of Preschool ensures the fulfillment of this desire to acquire practical knowledge as well as skill building and preparation for the practical aspects of life and the global challenges ahead.



**Q. How many campuses do you have all over Pakistan?**

**Ans.** We have 35000+ students and more than 200 campuses along with our presence in 100+ towns.

**Q. What is the main thing you focus when someone comes to own a franchise of your school?**

**Ans.** When someone comes to own a franchise of our School System, the basic focus is to uphold the dignity and values of TKS. We believe that "leaders create leaders". Any individual who commits to excellence and takes the ownership and responsibility of upholding the core values of TKS i.e. quality education, passion to contribute towards the success and growth of the country and enthusiasm to accept challenges and excel, can surely be a part of the system

**Q. According to you what is the core issue with our education system?**

**Ans.** The Current education system has shifted its core focus from provision of value education to the never-ending competition of achieving higher grades. Quality education is being compromised and the curriculum is not modified from time to time. The current education system measures success with number game. Government educational policies are adversely impacting the current education system of our country.

**Q. Do you think we are educating our upcoming generations in a right way?**

**Ans.** The term "educating" encompasses development, growth, preparedness and skill

development to meet future challenges as well as to achieve the set goal; unfortunately, the current system is unable to "educate" the upcoming generation in the right way. The key aspect which is missing is the awareness and acknowledgement of the core Islamic values as well as the basic morals and ethics. For "educating" the upcoming generation, it is crucial to shift the focus from the blind competition of marks gaining to inculcation of core ethical values and providing quality education.

**Q. What are your goals that you are targeting to achieve in coming years?**

**Ans.** In the upcoming year, I see TKS as an emerging role model system. Our School will set an example for the education sector to adapt a system productive for growth and development, where the basic focus is to teach the core values and skills for leading the life as a true Muslim and a successful individual. The incorporation of Islamic morals and values is our key focus.

**Q. What inspires you the most about students these days?**

**Ans.** I think students have better exposure these days which make them a quick learner. They're well aware and updated about the things happening around.

**Q. In the end would you like to give any motivational message to our readers?**

**Ans.** I believe we need to understand the purpose of education, if being educated we don't realize the basic moral values of Islam and humanity the entire efforts of gaining this worldly knowledge are in vain.



**“Contribution towards the progress of Pakistan and producing globally responsible citizen is the core mission of ILM Trust.”**



SHAHSONS



SHINE

PICASSO®

www.shahsons.com



By: Ch. Salahuddin

# Unwholesome Entertainment @ Precious Time

**“Positive changes in your personality will simplify attaining higher degrees of advancement. If your efforts, hard work and share are also included in the development, prosperity and goodwill of the country, then be rest assured that you have effectively fulfilled your obligation for the chance which time has granted you.”**



**E**ach New Year completely disappears from our imagination leaving us with gifts of few colourful achievements of life and some disheartening failures. The only thing that remains with us is the asset of memories which is our companion during solitude. Occasionally these memories give us an alluring grin and sometimes the recollections unconsciously bring tears in our eyes. But we cannot disassociate ourselves from these cherishable or sorrowful memories and the world of our imagination continues with them. Time is often termed as ruthless and also acknowledged occasionally as a teacher. Philosopher and theorist Aristotle has appropriately defined time as: ‘Time is a sweet drink for me which I drink sip by sip. It is its sweetness and delicacy that has given colours to life. Finishing of this enchanting drink is actually culminating chapter of life.’ Time is a priceless blessing. However this is also an unfortunate reality that we utilize it mercilessly and when time takes away the recess given to us, we complain that we did not get time. But have you ever thought that what is the importance of a single minute, which we can consume to accomplish hundreds of small yet important jobs? What to talk about a minute, we are not convinced to keep account of even hours.

Enjoying wedding ceremonies and other festivities is a healthy activity, but prolonging these occasions with undue hustle and bustle for days and nights should be accepted as waste of time. Furthermore extended customs during these occasions have no match with our religion, traditions and everyday life. But since existence of Pakistan, Hindu traditions are being gradually adopted and appreciated in our society. Our entity has been restricted to books only which are placed in isolated libraries. Like other nations, we see off the previous and welcome the New Year and enjoy the associated ceremonies.

Experts’ advice following for leading a better disciplined life with respect to importance of time:

- Keeping in view the basic objectives of life, prepare a daily schedule of activities.
- Ensure punctuality and positively thinking
- During journeys and while waiting, benefit from reading books that meaningfully increase your knowledge.

‘Time is the only thing in the world which cannot be saved for us. Neither it is possible to bring back time which has passed.’ Punctuality and respect for time can put any nation on the path of prosperity.

## NEPAL'S Ministry bars certain overseas studies

Education agents in Nepal are looking for further clarification after the Ministry of Education, Science and Technology announced it would discontinue issuing travel documents for students undertaking certain levels of education, effectively barring them from overseas studies. The decision, made in an announcement in early June, will see the ministry no longer issue a "No Objection letter" for Nepalese students who wish to undertake standalone vocational and languages studies. According to the notice, signed by ministry undersecretary Maheshwor Sharma, the decision will only affect students undertaking a standalone program, while students who undertake a vocational or language course as a pathway to university will still receive the requisite travel documents.



## NASA to open International Space Station to tourists from 2020



NASA will open up the International Space Station to business ventures including space tourism as it seeks to financially disengage from the orbiting research lab. Cost will be tens of millions of dollars for a round trip ticket and \$35,000 a night. "NASA is opening the International Space Station to commercial opportunities and marketing these opportunities as we've never done before," NASA chief financial officer Jeff DeWit said in an announcement made at the Nasdaq stock exchange in New York. These travellers would be ferried to the orbiter exclusively by the two US companies currently developing transport vehicles for NASA: SpaceX, with its Crew Dragon capsule, and Boeing, which is building one called Starliner.

## Elite British school to open branch in China

British boarding school Lady Eleanor Holles has become the latest UK-based school to announce the imminent opening of a branch in China. The 300-year-old institution will launch a co-ed boarding and day school in the southern city of Foshan. A joint venture with education specialists Trumptech, the school's first international branch will focus exclusively on secondary education, accommodating 750 pupils who will study a British-based curriculum that prepares them to sit IGCSEs and A Levels. "By focusing exclusively on this age group we are able to design a campus, deliver a curriculum and build a team of specialist educators where the needs of 12 to 18-year-old students are our key priority," explained founding headmaster Steve Allen.



## Cambridge University students design energy efficiency model for Punjab



Four Cambridge University students have designed an investment model for energy efficiency in Punjab province in collaboration with Punjab Energy Efficiency & Conservation Agency (PEECA). The researchers belong to Singapore, India, Nigeria, and Pakistan and have a background of policy-framing and implementation regarding the power sector in their original countries. Amjad Hafeez, senior civil servant and energy policy specialist from Pakistan. The research was conducted with input from power distribution companies, energy servicing companies, World Bank, GLZ, and various banks in Pakistan which had pointed out various flaws in policies and bureaucratic delays as barriers to woo investors.

## 11-year-old Iranian girl beats Einstein and Hawking in IQ Test

An 11-year-old schoolgirl has achieved the highest points in Mensa IQ Test, beating the renowned scientists Albert Einstein and Stephen Hawking. Tara Sharif scored 162 points, the highest score possible and well above the 'genius benchmark' of 140. "I was shocked when I got the result. I never expected to get such a good score," says Tara. Tara took the non-verbal test in Oxford, which involved understanding the meaning of words and answering a set of questions in the prescribed time. Tara hails from Borazjan County in the Southern Iranian Bushehr Province. Her father said that he is extremely proud of her and also surprised at how well she scored.





SHAHSONS



MARKER

PICASSO®

www.shahsons.com

### Private Schools can Increase Fee by 5 Percent every Year

The Supreme Court has ruled that private schools should be allowed a five percent increase in the tuition fee every year. The apex court has upheld the order of Sindh High Court (SHC), which was passed a few months ago. The top court has also withdrawn its earlier order, announced last year by the then chief justice Saqib Nisar. This order required private schools to reduce their tuition fee by 20 percent. Moreover, the court had forbidden the administration of the private schools from retrieving the money as outstanding charges. The judgment contains a dissenting note by Justice Faisal Arab, a member of the full bench hearing the case.



### Karachi University's Center becomes a Member of BHBD

Karachi University's International Center for Chemical and Biological Sciences (ICCBS) has become a member of the Global Open Biodiversity and Health Big Data Alliance (BHBD). The ICCBS spokesperson made this announcement while stating that ICCBS's director Dr. Muhammad Iqbal Choudhry has been accepted as its representative. He has been awarded this honor for his services in the field of organic chemistry and natural products chemistry. His works include 68 books and 40 chapters published in the US and European publications, 2120 scientific publications, 1141 research papers in international journals, and 51 patents. Dr. Iqbal has been cited 23,000 times as a reference.



### NHA to offer Internship to 83 National & Foreign Universities Students



The Ministry of Communications has undertaken arrangements to offer Internship to 83 students of national as well as foreign universities in various departments of National Highway Authority (NHA). The decision had been taken as per vision of the Prime Minister Imran Khan regarding provision of necessary training to the talented students of the universities so that they could play their due role in national development schemes. The program would help students to flourish their natural caliber while the skills provided in training courses would also prove useful in their practical life. The NHA has already issued letters to the concerned universities for the said internship program in ongoing year.

### 7 Pakistani Universities penetrate in QS Top 1000 World Rankings



The UK-based rating agency, Quacquarelli Symonds (QS) has released its rankings with seven Pakistani universities making the list of the world's top 1000 universities. Pakistan Institute of Engineering and Applied Sciences topped the list of Pakistani universities in the rankings. National University of Sciences and Technology (NUST) Islamabad has also improved its position significantly from 417 to 400. Its overall score is 28.2. The third Pakistani university in the list is Quaid-e-Azam University that occupies the ranking range of 511-520. Among other universities, COMSATS, University of Engineering & Technology (UET) Lahore, and University of Punjab ranked in 801-1000. Lahore University of Management Sciences (LUMS) was ranked in the range 701-750.

### THAR to get its First District University

Nadir Edulgee Dinshaw (NED) University has announced to open its campus in the Thar district. The sub-campus will be called Thar Institute of Science and Technology and will start functioning from the next academic year. Senator Murtaza Wahab, who is also the advisor to Chief Minister Sindh on Law and Information made this announcement. Earlier in April, Bilawal Bhutto had promised to establish a university in Thar and had directed CM Sindh Syed Murad Ali Shah to open a campus of NED University in the Tharparkar district. "I want a campus of NED engineering university in Tharparkar district as soon as possible," Bilawal had told the Sindh CM during the inauguration of the Thar Coal power project.



## CM Punjab Approves E-Transfer Policy for Teachers

The Sindh University had hired a consultant for its Rs1.6 billion mega development project approved by the Higher Education Commission (HEC), Islamabad. According to a press release issued, the projects had been approved under the HEC's 'Strengthening and Upgrade of academic faculties at Sindh University Jamshoro'. The SU's spokesman Nadir Mugheri said the consultant would prepare the engineering, drawing and design for the new buildings which were included in the mega project. Quoting Adviser Planning and Development SU Sajid Qayoom Memon, he said the tender for the consultant was invited from the pre-qualified bidders and on the lowest bid the contract had been assigned to M/S Atif Nazir as consultant.



## Quality Education for Children with Tecno Blue Chalk

Khubaib Foundation, which is a social welfare organization that houses and educates orphans across Pakistan, was recently honored with a substantial donation by Tecno Mobile Pakistan. The smartphone brand reached out to Khubaib Foundation because of the organization's reputation in providing a safe and nourishing environment to orphans. In addition to the donation already given, the company has announced that a portion of the profit from the sale of each of their mobile handset will also be given to the orphanage for the benefit of the children. The Tecno Blue Chalk campaign aims to deliver quality education to orphans and was initiated under an MOU signed by Tecno Mobile and Khubaib Foundation.



## GOVT. awarded 165,413 Scholarships during last Five Years



The Federal government had awarded a total of 165,413 Scholarships in the higher education to the Pakistani students across the country, during the last five years. According to the official documents, out of the total, the number of overseas scholarships was 1602 while around 1,63,811 were indigenous. These scholarships had been awarded through the Higher Education Commission (HEC), it added. Under the overseas scholarships program, the students had been provided the opportunity to study in the best foreign higher educational institution, while under the indigenous scholarships program the students were provided a chance to get higher education in the local universities.

## Human Rights Commission of Pakistan knocks cuts in Higher Education Budget



The Human Rights Commission of Pakistan (HRCP) is concerned that the government's bid to reduce budgetary expenditure on higher education through the Higher Education Commission (HEC) will affect both existing and prospective students, especially those from poorer vulnerable or marginalized groups. The state has a duty to ensure that higher education is accessible to students from low-income backgrounds, especially those from under-resourced areas such as Balochistan, interior Sindh and western KP. Equally, it is critical that bodies such as the HEC and provincial education commissions ensure that such funds are spent effectively and directed towards deserving students who would otherwise have no opportunity to pursue higher education.

## Girls overtake Boys in SSC Exams 2019 of BISE Abbotabad

Keeping the past tradition Wednesday female candidates of Abbottabad board of Intermediate and Secondary education (BISE) snatched top three positions in Secondary School Certificate (SSC) examination 2019 showing pass percentage of 60. According to the BISE a total of 122633 students appeared in the SSC examination 2019 of whom 72942 managed to get through. Fatima Shakeel of Tameer Watan Public School Abbottabad secured the first position with 1060 marks, Yusra Noor of Jinnah Jamia public school Haripur secured second with 1053 marks while Sania Arif of Dawn Public School Khalabat Haripur secured third position with 1045 marks. The results showed that female candidates were ahead of male candidates like past years.



# Exploring New Dimensions in Education Sector

Rapid social and technological advancements have demanded several changes in the educational sector. Traditional teaching methods alone are not competent enough to develop exceptional qualities in students. Now, students need something more and for that purpose, educationists have to think outside the box. To make students capable enough to cope up with the highly advanced era, there is a need to revolutionize the education system of Pakistan. The necessity is to introduce and implement the project-based learning programs in government and private education sector of Pakistan. Although a number of private institutes have improvised their curriculums according to the modern needs of the century. Yet there is a need to thoroughly revise the educational curriculums at all levels.

Project-Based Learning defines a dynamic learning process in which students actively explore the real world and learn and develop life skills necessary for deeper understanding of the world challenges. PBL prepares students to be proficient in their academic, personal and professional spheres of life. PBL allows the students as well as teachers to fully utilize the academic liberty and exhibit and polish their creative skills.

Having said, Project Based Learning revolves around the learning process through experimental projects, but it is different from the usual "doing project". In "desert project" or "doing project", knowledge is provided to the students regarding any subject and after that a light-intellectual project is performed for further understanding. On the other hand, PBL becomes



the driving force for the understanding and learning of a specific subject or a skill. To solve an intellectually stimulating problem requires much more than just remembering the information.

To ensure a quality Project Based Learning, the essential development framework is to be implemented properly in educational institutes. After fifteen years of research, Buck Institute of Education identified the basic parameters for the Gold Project Based Learning program. This includes A Challenging Problem or Question, Sustained Inquiry, Authenticity, Student Voice and Choice, Reflection, Critique and Revision and Public Product. These parameters allow key knowledge and understanding, success skills and practical competency.

Too often, traditional learning doesn't surpass the realm of purely academic. But PBL connects the students to the real world. PBL initiates team work and communicative skills because of the collaborative nature of the projects. It develops the socio-emotional ability of the students as well. The interpersonal aspects of Project Based Learning are interdisciplinary, collaborative, inquiry-based, self-directed, motivating, and address the full range of student needs and learning styles.

Since projects are a way of life from newborn to adulthood, it seems appropriate that Pakistani education system should focus on starting the learning journey exactly where the adolescences will end up. That is, Pakistani education system should begin and persist with projects, since ultimately adulthood and the world of work require an innate ability within the students to be problem solvers.







SHAHSONS

# Official Squad of Superior Group cherish in Northern region of Pakistan

Official members of Superior Group explored the astonishing and beyond beauty Northern region of Pakistan. They not only enjoyed the delicious food of Pakistan, incredible scenery and culture but also visited the scenic spots in northern region to get a closer view of the diverse society and geography of the country. Officials of Superior Group found this experience heart pleasing as this region of Pakistan is famous for the most thrilled and amazing traveling sights in the world. The whole squad was overwhelmed by the boundless destinations and splendid landscapes and wishes to come back again.



Goldfish<sup>®</sup> ERASER

www.shahsons.com



SHAHSONS

EVENT

# China Tourism & Cultural Week 2019

China Cultural Center in Pakistan organized China Tourism and Culture Week 2019. The event was organized in collaboration with Embassy of the People's Republic of China in Pakistan to celebrate the China Tourism and Cultural Week 2019 in Islamic Republic of Pakistan. The cultural activities included a lecture, Chinese puppet show, China opera mix, Duo dance pursuit of the heart, folk music ensemble, dance performances and magic.

A series of activities, including a photo show, a dragon boat festival, a Chinese tourism product display and Chinese theatrical performances, were held over the week.

Artists from Wuhan Arts Troupe, as well as Pakistani Artists from National Performing Arts Group of PNCA performed in Gala. Culture is a bond uniting people of China and Pakistan, and we are here tonight to have a glimpse of this colorful culture in performances by artists from both countries.

H.E Mr. Yao Jing, Ambassador of Embassy of the People's Republic of China to Pakistan and Dr. Fridous Ashiq Awan, Special Assistant to Prime Minister for Information & Broadcasting, Mr. Zhang Heqing, and Director China Cultural Center in Pakistan participated as the Chief Guests.

Dr. Fridous Ashiq said, "Pakistan desires cultural exchanges along with the China Pakistan Economic Corridor project with China. She said we have to learn from the success of China through empowering women in Pakistan as the women of China took great part in development of their country".



GRIP

PICASSO®

www.shahsons.com

# Bloomfield Hall officials Attended Training Session in Dubai

A sneak peak into the training sessions in Dubai attended by Bloomfield Hall's academic board members and regional directors, project managers and academic coordinators. The tour included 3 days training seminar by Greek and American trainers, followed by some sight-seeing in Dubai. It was English, Science, Computer training trip. This training sessions helped the teachers to think alike in teaching parameters' and ensured a high standard of quality academic education and children's grooming.



PENCIL

Goldfish®

www.shahsons.com



SHAHSONS

EVENT

# School of International Studies in Sciences & Arts (SISA) Summer Camp 2019



School of International Studies in Sciences & Arts (SISA) organised a comprehensive program of summer camps for students in order to indulge students in interactive activities. During this camp, students spent their time in various interesting and creative activities. The core objective of this summer camp was to give students a traditional camp experience including swimming lessons, chess playing, music, art, drawing, clay playing and indoor/outdoor sports. A collected group of coaches, teachers and volunteers led the lessons throughout the camp.



ORIA

PICASSO®

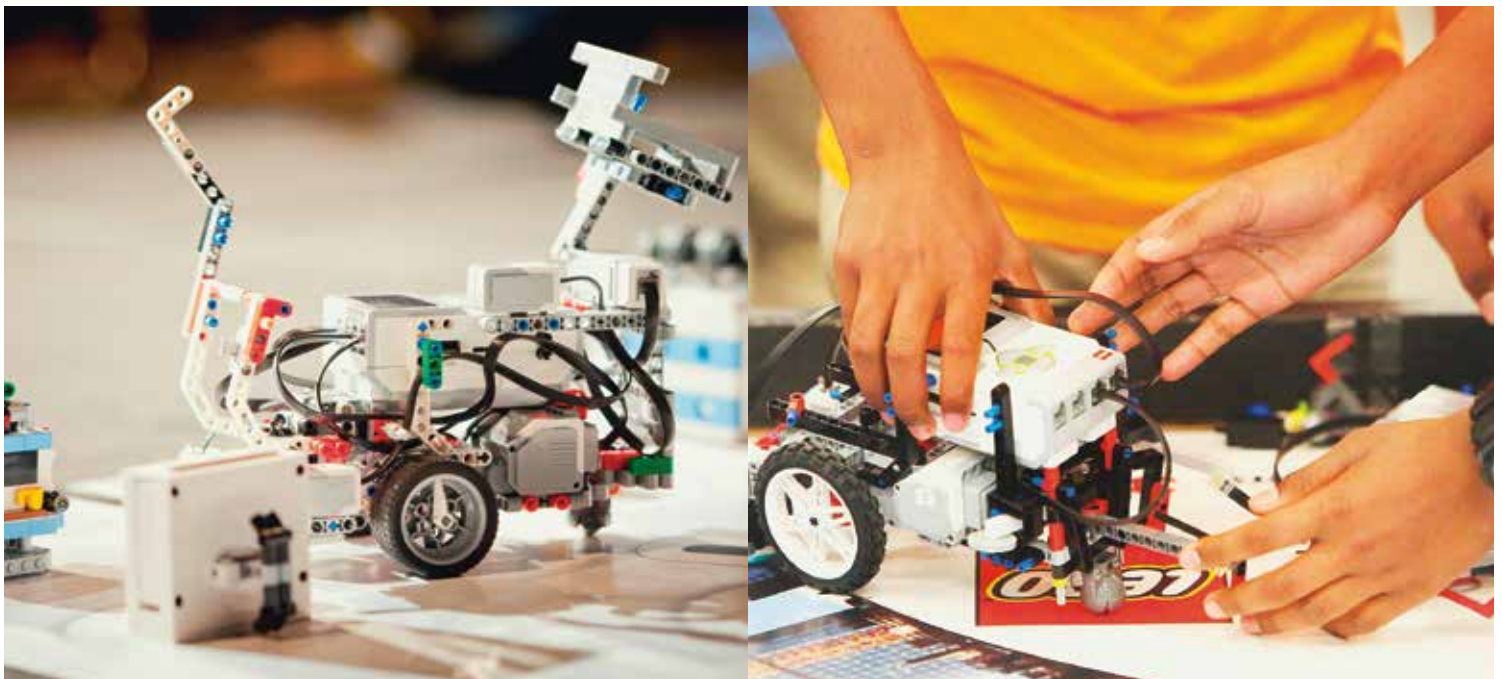
www.shahsons.com

# LEARN & HAVE FUN!



Summer Camp filled with fun and knowledge for your children, with activities such as Robotics, Coding, Mental Math, Game Development lessons, and more in Gulberg, DHA & Johar Town!

**We are also offering special package for school summer camps.**



For more information, visit  
<https://web.facebook.com/Roboticsclubpk/>  
Call us : 03333-3456531

# Certification at the Robotics Club Pakistan

The occasion rampant robotics enthusiasm and granted opportunities to youngsters to build up their skills in the field of Robotics and Technology. Mr. Faisal Sherjan (Director Operations - National Incubation Center) was the Chief Guest for this superlative event; he shared his views that how much it's beneficial to teach 21st century skills to young generation. This 15 days event ended with so much fun and learning and kids were above moon after camp and while receiving certificate by Ms. Sadaf Ahmad (CEO – Robotics Club Pakistan) and Mr. Faisal Sherjan.



JUMBO WAX CRAYON

Red

JUMBO CRAYON

Goldfish®

www.shahsons.com



**Dynamic Solutions**

The Complete Solution For E-Business Companies



**Alibaba.com** | Gold Supplier  
Global trade starts here.  
Authorized Channel Partner

### Alibaba Services

- 01 Become A Gold Supplier
- 04 Alibaba Minisite Design
- 02 Alibaba Training
- 05 Alibaba Smart Product Posting
- 03 Alibaba Responsive Minisite Design
- 06 Alibaba Standard Product Posting

## Choose an **Alibaba.com** Membership Package

	Basic \$1399	Standard \$2999	Premium \$5999
Priority Ranking	3rd	2nd	1st
Product Posting	Unlimited	Unlimited	Unlimited
Product Showcases	5	12	28
Ability To Quote Buying Requests	Yes	Yes	Yes
Verified Icon	Yes	Yes	Yes
Customized Website	Yes	Yes	Yes
Personalized Customer Service	Yes	Yes	Yes
Photo Bank Size	1GB	3GB	5GB
Sub-accounts	5	5	5
Biz Trends - My Performance	Yes	Yes	Yes
Biz Trends - Industry Analysis	Yes	Yes	Yes

#### Head Office

Haji Pura Hammad Arcade Plaza First Floor Office #1-2,  
Sialkot Pakistan.  
+92 52 3242266-3560057 / +92-322-3242266  
info@njdynamic.com

#### Branch Office Karachi

Office #234, 2nd Floor, Bhayani Shopping Center,  
Block M North Nazaimabad, Karachi Pakistan.  
+92-21-36608810 / +92-300-9008810  
karachi@njdynamic.com

#### Information Desk in PSGMEA

Pakistan Sports Goods Association  
60/A Hall Road, Small Industrial Estate, Sialkot-Pakistan.  
+92-300-6148338  
alibaba@njdynamic.com

# STUDY AROUND THE GLOBE



The Most Reliable Students Consultancy Firm Since 2002.  
Experienced & Seasoned Team of Professionals.  
Free Comprehensive Eligibility Assessment

<b>CANADA</b>	<b>USA</b>	<b>U.A.E</b>
<b>CYPRUS</b>	<b>GERMANY</b>	<b>UK</b>
<b>MALAYSIA</b>	<b>CHINA</b>	<b>SPAIN</b>
<b>IRELAND</b>	<b>SWITZERLAND</b>	<b>ITALY</b>
<b>AUSTRALIA</b>	<b>NETHERLANDS</b>	<b>SWEDEN</b>

**Diploma / Under & Post Graduate / Ph.D**

## Eligibility:

- Minimum Qualification Matric / O Level
- Apply with & Without IELTS\*
- Work allowed during studies
- Post Study Work
- Route to permanent residency

\* For selected countries

**British Council**  
Approved IELTS  
Test Registration Centre

**IELTS**  
@ **HIGHBROW**

**AEO Pakistan**  
Approved IELTS  
Test Registration Centre

**UAN: 0304-1111-553, TEL: 042-36600066**  
**57-Commercial Area, Cavalary Ground, Lahore Cantt**

**e** info@highbrow.com.pk **w** www.highbrow.com.pk **f** highbrowinternational