

JIT NEWSLETTER **EXPLORE**

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UPCOMING EVENTS

2nd-3rd
May

Eid-ul-Fitr

9th-10th
May

Seminar by the Depts. of EE & ECE

11th
May

Tablet/Smartphone Distribution by Up Govt.

13th-14th
May

Job Fair by the Dept. of TPO

16th
May

Buddha Purnima

19th-21st
May

PUT

21st
May

Workshop by Dept. Of Applied Science

OUR MISSION

To provide quality and affordable education to the less privileged sections of Indian society by leveraging all tools of modern education and to bring up such element sections to be able to find a place of dignity and distinction both within and outside the country.

FROM THE DEPARTMENTS



ABDUR RAHMAN AZMI

ASSISTANT PROFESSOR, ME

IMPORTANCE OF GIRL EDUCATION

A Famous Quote by Lawrence Summer is 'Investment in Girl Education may well be the highest return investment available in the developing World.' There are approximately 34 million adolescent girls out of school. Another shocking fact is that two-thirds of the 796 million illiterates are women. According to the 2011 census, the male literacy rate is 82.14% and the female literacy rate is only 65.46% in India. All these statistics certainly reveal the kind of discrimination that women face in today's world. Education is as important as air, food and housing for both men and women. Girls in India are considered a burden on parents by some people. People think that girls must first be raised, then married and sent to another house, while boys are considered the legal heirs of the family. They are considered the guardians of parents in their old age. People think that investing in a boy's education would be beneficial rather than a girl's, since they will go to another house. People think that women are sent to Earth just to cook, clean and give birth to children. Because of this thought, girls suffer and they are ignored. Things have got so much worse that some of the girls are killed before birth in the mother's womb and if they have given birth; they are despised by the family. Some are killed after birth too. The fundamental problem with this is that in India, a lot of importance is attached to marriage. People in India think that the ultimate home of a girl is her husband's house and that her fate should remain confined to the four walls of the house. People will not be bothered to spend so much on a wedding as on a girl's education. For this reason, all girls must give up their dreams. One person cannot be blamed but the entire society is responsible for the fate of the girls. People do not realize that educating a girl is as important as educating a boy. Whenever a girl has the opportunity to prove her abilities, she has always proven herself. Education has a global impact on girls. Education makes a person strong mentally, socially and intellectually by increasing our knowledge. Educated girls are confident. They can make decisions on their own and become self-reliant. They can earn for themselves and take care of their families. They are independent and do not depend on men to validate their existence. After the wedding, they can help their husband financially and add to the family income. They will take care of their children and help to educate and transmit good values.

Someone rightly said, "If you educate a man, you educate a person, but if you educate a woman, you educate the whole family and a nation."

FROM THE DEPARTMENTS

MOHAMMAD ASAD ALI

ASSISTANT PROFESSOR, FACULTY OF PHARMACY

SKIN TOWARDS ITS ELECTRONIZATION

Electronic skin refers to flexible, stretchable and self-healing electronics that are able to mimic functionalities of human or animal skin. A research team from Chemnitz and Dresden has taken a major step forward in the development of sensitive electronic skin (e-skin) with integrated artificial hairs. E-skins are flexible electronic systems that try to mimic the sensitivity of their natural human skin counterparts. Applications range from skin replacement and medical sensors on the body to artificial skin for humanoid robots and androids. Tiny surface hairs can perceive and anticipate the slightest tactile sensation on human skin and even recognize the direction of touch. Modern electronic skin systems lack this capability and cannot gather this critical information about their vicinity.

Takao Someya, an electrical engineer at the University of Tokyo, and his team reported they had developed a flexible 8 centimetre × 8 cm patch of robot skin made from layers of high-performance, pressure-sensing polyimide plastic, an organic semiconductor called pentacene and layers of gold and copper electrodes.

This capability is of great importance when humans and robots work closely together. For instance, the robot can sense interactions with a human companion well in advance with many details just before an intended contact or an unintended collision is about to take place.

AHMAD NAYEEM

ASSISTANT PROFESSOR, FACULTY OF PHARMACY

TECHNOLOGY TRENDS IN PHARMA INDUSTRY IN 2022

The pharma industry has seen a rapid rise in the past three years with rapid digitization and the advanced research in the field has opened gates for newer avenues of treatment for mankind. The pharmaceutical industry is expected to grow to \$ 1.5 trillion by 2023.

1. Rise in E-pharmacies: While the offline pharmacies may consider online pharmacies a threat to their business but an amalgamation of the two can lead to unimaginable growth prospects for both. An E-pharmacy is a boon as it is efficient and responsible in remote areas. It provides easy and affordable medicines to the people at their doorstep in just one click and additionally, gives information about the medicinal remedies' awareness to the purchaser. With the pandemic hitting the country, people avoid going to pharmacies and so the brick-and-mortar pharmacies are facing a setback. People have switched to buying medicines online for fear of getting infected by covid-19. There is a rift between the offline and online pharmacies but like other sectors there will be an ever-growing sync between the offline pharmacies opening an online market for themselves.

2. Rapid Digitization with AI/ML: One cannot disagree or neglect the fact that digitization and technological innovation is the backbone of a growing economy and the same is applicable to the pharmacy business. Hence, people have acknowledged this fact and Consumers no more want to step out to buy goods and it is a world where doorstep service is given preference. The use of AI/ML has also changed the entire consumer behavior and now the customers can experience real life shopping experiences/medical consultations sitting back at home, which will be the new era of online shopping in 2022.

3. Digital Records: The use of digital processes has been around for some time and will continue in 2022. Originally paper-based processes have been converted to digital to make operations more efficient. A unified Aadhaar synced medical history backup has been developed by different medical organizations. Digital processes are especially helpful in promoting regulatory compliance because they allow pharmaceutical companies to closely track data and how it is maintained. Pharmaceutical companies appreciate this switch to digitalization because of the transparency it provides across the organization and all departments and hence will continue to be the way ahead in 2022.

4. Cloud Computing: Cloud technology is used in every sector today. In the pharmaceutical industry. Cloud computing also provides an inexpensive way to use analytics. Pharmaceutical companies rely specifically on cloud security and central access to analyse complex data in clinical research. Cloud scalability keeps records of thousands of remotely monitored patients and the confidentiality records are maintained by the cloud environment.

5. Digital Trainings: Online training courses for new technologies in the pharmaceutical sector will be further expanded in 2022 to improve operations and compliance. Ensuring that teams have a solid understanding of the correct use of technologies such as digital signatures, patient planning portals, and electronic document software which will reduce the likelihood of errors, helping pharma organizations to meet the regulatory standards for using that information. Online training courses can be offered anytime, anywhere and can be personalized for each user, making them extremely cost-effective.

The upcoming pharmaceutical trends will add an ever evolving space for transformation in the pharmaceutical industry.

AYESHA ZAFAR

ASSISTANT PROFESSOR, B-COM

POWER OF WORDS

People don't understand the meaning of words..

How powerful resource it can be. We get so busy memorizing them that we forget to understand what they mean. Words have an inherent wisdom in them that speaks to our subconscious mind. It's not about who is the greatest writer or the quintessential poet of any generation. It's about which words have the effect to inspire us through this journey of life. For some holy scriptures are a great source of comfort, as they find their meaning of self in them. That's what life is about in the end I guess, to find our inner self in this chaotic sea of life. Words just help us to understand this human condition of our needs and desires. A place where discomfort makes us feel alive, only words have moved our species to the realm of everything extraordinary. Words are the light at the end of the dark tunnel that we hear which makes us drag us through the darkness. They place us into a better version of our lives. Words have the power to make us move mountains, or even chase the stars in the sky, only if we humans could understand the power of words. Then we can choose them wisely.....

STUDENT'S CORNER

AMIT KUMAR B.PHARM-I

SMOKING: SAVE YOUR LIFE

Smoking means the act of inhaling and exhaling the fumes of burning plant materials. The most common example is Tobacco which is smoked in Cigarette, Cigar or pipe. Tobacco contains Nicotine, and it is very addictive. According to the ninth edition of Encyclopedia Britannica (1888) tobacco products were suspected of producing some adverse health effects. Yet tobacco was also considered to have medicinal properties.



Many scholars, health professionals, and workers addicted to tobaccos for effects such as improved concentration, and performance, relief from boredom and enhanced mood.

Many young people are also addicted tobacco, especially cigarette.

The World Health Organization (W.H.O.) estimates that in the late 1990s, approximately 4 million people died per year. During that time cigarette smoking grew to account for approximately 80% of the word's tobacco market. Due to smoking lung cancer and cardiology diseases occur. There are approximately 120 million smokers (including boys 9.6% and girls 7.4%).

One can also try alternative therapies which help quit smoking, for instance filters, smoking deterrent, e-cigarettes, cold laser therapy, YOGA and more can work for some people. Try cutting down on it and then slowly and steadily give it up altogether. The result gets soon.

My message to younger persons is that don't smoke because you know that it is a very bad habit.

MOHD SHAHIL DEE-I

TOM & JERRY

Tom & Jerry is a cartoon that can be watch anytime and at any age. It is the most humorous series I have ever watched; prank played by both keep our lives playful all the time with innocence.



Even though they fight over own victory they never put each other down, so everyone wants friendship & relationship like Tom & Jerry.

The best lesson learnt from the series is that every time you lose, next time find a better way and try with double enthusiasm and get good ideas. Even though Tom loses most of the time, he never stops trying to beat Jerry.....

It's my favorite, as it gives the best lessons of life- always be approaching & keep trying, success is always yours if you believe.

Unforgettable life lessons TOM & JERRY taught us:-

- Size is not important: - JERRY is small in size but with his intense intelligence and self-confidence, he constantly defeats TOM.
- Failure is a part of success: - TOM failed many times in catching JERRY but he keeps chasing, he never stops. Keep trying, don't stop.
- Should remain strong forever: - Like Tom & Jerry, be strong even in difficult circumstance. Face difficulties with smiling face.
- Friendship is the best gift ever....
- Be kind and passionate

MOHAMMAD IMTHIYAS ALAM B.TECH-II CSE

SCOPE OF COMPUTER SCIENCE & ENGINEERING



In the digital world we know the importance of digitizing everything. If you want to be a part of digital world through which you can contribute digitally & learn and love to design then this article is for you.

We are aware of the importance of computer science & engineering.

It has emerged as one of the most demanding & growing fields through which scientists have contributed development of artificial intelligence & robotics.

Computer science and engineering graduate acquire above mentioned highly demanding and high paying skills and can start a freelancing journey to generate income.

Computer science graduates can acquire knowledge and work in IT as well as non IT fields like public & private universities, research centre and business organizations etc.

HIMANSHU GAUTAM B.TECH-I CSE



STUDENT'S CORNER

ERA NAHID
B.TECH-II CSE

CHILD LABOUR

Children should not have to work. India is suffering from the crucial task of child labour which is prevalent all over the country.

Thousands of children are working in big factories and other hazardous industries all over India. Child labour is implied to be an economic necessity of poor households with explosive aspects in children's work.

Children are made to work for long hours and they are paid low, deprived of education opportunities.

International Labour Organization (ILO) defines child labour to " include children leading permanently adult lives, working long hours for low wages under conditions damaging to their health, physical and mental development.

Poverty is one of the major factor for this problem. The people who need labour at low payment then they try to get child labour. In India children also provide cheap labour. The main reason of failure to control this problem is illiteracy, unemployment, low wages, poverty, and so on. India accounts for the second highest number where the child labour in the world is concerned and Africa is on the top in the world.

To educate each & every child can be a solution for solving the problem of child labour. If children are busy in their studies, they would have no time to work. Children are growing up illiterate because they need to work to fulfill their needs . No matter people of our country feel child labour is a problem, it will exist till the need for child labour is not removed.



MOHD MODASSIR HASAN
B.TECH-II EE

COLLEGE LIFE

Within a few months, many students will be joining a college. The anticipation of how life will be is probably filling the air around every eighteen year old with excitement.

How do you think, the college life will be? How do you look at it? Would it be freedom from strict discipline imposed on you by the school? A carefree life with no worries of completing assigned homework. Or, is it the beginning of responsible preparation for a brilliant career?

In college, we shall have the freedom to work at our own pace. There will be no homework. There will be assignments. But, we shall not have to turn it the very next day. There will be no dictates, uniforms or punishments. However, college means extra responsibilities.

No one will force us to study every day and constantly nag us about our scores. Being in college means that we are responsible enough to study on our own, work towards our career and prepare for the competitive, real world out there.

In college life, unlike school life, the stress is more on self-reliance and zero spoon-feeding. When in college, we would have the freedom to choose what we study and how we study. It would give us a sneak-peek into the dream career that awaits us. Therefore, we have to make wise choices.

I think, college life would be a mixed bag of fun, freedom, experiments and responsibilities. It will contain new hopes and aspirations, new joys and disappointments, and new friends.

Those wiser than us say that college days are the best days of one's life. The decisions we make now shape up our future.

MOHAMMAD ZAHID KHAN
B.TECH-III ME

IMPORTANCE OF HUMANITY IN DAILY LIFE

Humanity is a quality of an individual that is being gifted by nature, by which one is distinguished from other living beings. Being human does not only mean that an individual possesses humanity. The quality of humanity in an individual takes note of what he does for people who give nothing back in return, to the favor they had offered.



Extra ordinary humanity in a human being has been portrayed beautifully by Mother Teresa as she had created a glorious example of Humanity across the world, particularly in India. Humanity means caring for and helping others whenever and wherever possible.

Humanity means helping others at times when they need that help the most, Humanity means forgetting your selfish interest at times when others need your help. Humanity means extending unconditional love to each and every living being on Earth.

MOHD RAZA
B.TECH-ICSE



EVENTS



INTERNATIONAL WOMEN'S DAY

International Women's Day was celebrated at the JIT campus on 8 March 2022. The theme of the event was 'Women Empowerment', and, especially the women faculty members and girl students participated in the event. The program was headed by Dr. Shahid Jamil, Principal (Pharmacy), who addressed the students in motivational words. The views of the students, and faculty members on the condition of women, and their challenges, were encouraging.

Students were also shown a short motivational film, highlighting importance of women empowerment. The vote of thanks was given by Dr. Syed Kazim Mehdi. The program concluded with refreshment from the Cultural Committee.

