

JIT NEWSLETTER EXPLORE

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UPCOMING EVENTS

2nd
May

Eid-ul-Fitr

7th
May

Rx Fest by the Dept. of Pharmacy

9th
May

Seminar by the Depts. of EE & ECE

11th
May

Tablet/Smart Phone Distribution by UP Govt.

13th
May

Job Fair by the Dept. of TPO

16th
May

Buddha Purnima

21st
May

Workshop on Career Guidance, Dept of AS

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



DR SYED KAZIM MEHDI

CHIEF EDITOR

Dear students/ Readers,

It's always a pleasure to have a word with you through the Editorial column of the JIT Newsletter. It's the time for you all to work hard in your studies as not much time is left in this semester. My best wishes to you all for an outstanding performance in your Studies. Keep praying to the Creator, when you feel you are alone, and need help. But remember the famous saying. "God helps those who help themselves."

As you know, May 8 is observed as Mother's Day. It is a special day which is dedicated to all mothers around the world. Their contribution often remains unmentioned, so it gives an opportunity to thank them for what they have done for each one of us. Parents hold a very distinguished place in a person's life. It is interesting to note that Islam, in particular, gives a very special place to parents, especially to mothers. There are verses in the Holy Quran to testify this fact. In the Quran, the Almighty has placed them after Himself.

"And your Lord has decreed that you not worship except Him, and to parents, good treatment. Whether one or both of them reach old age [while] with you, say not to them [so much as], "uff," and do not repel them, but speak to them with soft and noble words. And lower to them the wings of humility out of mercy and say, "My Lord, have mercy upon them as they brought me up [when I was] small." Quran 17:23-24

And regarding the mother, the Quran says:

"We have decreed for man, kindness to his parents; in pain did his mother bear him, and in pain did she give him birth." Quran 46:15

The Prophet of Islam (PBUH) once said: "Heaven lies beneath the feet of mothers." God has given a part of His Divine Mercy to them, out of His love for all human beings.

FROM THE DEPARTMENTS

 **DR SHADAB AHMAD**
HOD, CE

Dear students of JIT

I start this article with the couplets of the renowned poet Allama Iqbal, known as the Poet of the East in Germany:

*Sitaron se aage jahan aur bhi hain
Abhi ishq ke imtihan aur bhi hain
Agar kho gaya ik nasheman to kya gham
Maqamat-e-ah-o-fughan aur bhi hain
Tu shahin hai parvaz hai kaam tera
Tire samne asman aur bhi hain*

It is a great opportunity for you all to attain a high quality professional education in a country where thousands of young talented minds are deprived of this privilege due to numerous constraints of their background, society and system. My sincere advice all of you is to aim high and perform hard and smart work. Do not get lured by the distractions of the society and carnal desires. With sheer diligence and subtle approach you can outperform and supersede the crowd of numerous professional graduates' pass-outs of the country. Your degree is like a launching pad from which you can break the speed barrier and elevate into the skies of success in your career. Just you have to focus on your professional skills, communication and self-confidence. The examples of Abraham Lincoln (President United States) and APJ AbulKalam (President of India) are in front of us. These icons were from very poor background but these constraints did not stop them from achieving ultimate success. With their self-confidence and vision they broke the shackles of their poverty. In my family, my maternal uncles were from a very low middle class society but in those meagre provisions they prepared for Civil Services and qualified IAS.

My advice to all of you is to aim for IAS, IES, GATE, PSUs and Government jobs. Those who are from financially stable families should sit and prepare for these exams for full time for 1-3 years. If needed you can take professional coaching available across the country like for IES it is IES made easy, for IAS it is in Mukherjee nagar, New Delhi and similarly for GATE and PSUs coaching are available. Once you qualify a good competition, all your pains and sweats will disappear and you shall pass a luxurious, comfortable and stable life. Just like in Chemistry for a reaction there is a kinetic energy barrier. Once that barrier is accomplished, the raw material is converted into products. Similarly you have to pass that energy barrier of sheer hard work, pain, concentration and burning of midnight lamps.

Those students who wish to get settled in private jobs and MNCs have to upgrade themselves with the requirements of industry. The student who can fulfil industry demands can easily get highly paid jobs. Students should focus on their subject knowledge, communication proficiency and software skills (specially). Students who can express themselves and have hands-on experience on for e.g. AUTOCAD, STADPRO, ANSYS, JAVA, DOTNET, PYTHON etc. have high probability of success in MNCs.

Remember the statement of Carnegie Institute of Technology: "85% of your financial success is due to your personality and ability to communicate, negotiate and lead. Shockingly only 15% is due to your technical knowledge". That means your personality, communication and leadership skills are comparatively more important than your technical skills in obtaining financial success. So, focus on its improvement.

Students can also go for higher studies abroad. Western universities have a very positive approach towards research and development unlike India where research is restricted and intricate. They provide very high quality education and graduates have high probabilities of job settlements. There are many scholarships available for young and talented for Masters, MBA and PhD courses like DAAD for Germany, Stint for Sweden and Full Bright Scholarship for UK and USA. After PhD from these universities, placement opportunities in faculty positions are most likely every-where across the globe including government institutes of India.

I wish you all huge success and best wishes in your future life.

 **PIRTIBHA GAUTAM**
ASSISTANT PROFESSOR, PHARMACY

WOMEN EMPOWERMENT

India contributes to 50% of the world's population but India has shown a disproportionate sex ratio whereby the female population has been comparatively lower than males. As far as their social status is concerned, they are not treated as equal to men, unlike in western societies.

Gender equality is not only a fundamental human right but also a necessary foundation for a peaceful, prosperous and sustainable world.

Women empowerment can only be achieved by promoting education among women and increasing their literacy rate.

"It is said that if you educate a man, you educate only one man, but if you educate a woman you are educating a whole family".

If a woman is educated then she will educate her entire family to make her whole family cultured. If girls are educated then they will become self-sufficient and their reliance on men will be less. For this reason, men's supremacy in the male dominant society will be reduced. When women are financially strong by themselves, they will be less likely to suffer as they have to depend on men that are why they are being oppressed. When women do not depend on men, then men will not be able to do so much injustice to them.

In this way, education can act as a shield against oppression like workplace harassment of women. There are so many cases of rape, kidnapping of girls, dowry harassment, and so on.

A mother is the first guru of a child and if the mother is educated, then she can give good education to the child too. The more women in a society will be educated; the society will likely to be more cultured. To sum up, women empowerment cannot be possible unless women come up to self-empower themselves by reducing poverty and promoting the education of women.

 **OVAIS ALI**
ASSISTANT PROFESSOR, CHEMISTRY

BIODIVERSITY OUR UNITY

Biodiversity is all the different kinds of life you'll find in one area—the variety of animals, plants, fungi, and even microorganisms like bacteria that make up our natural world. Each of these species and organisms work together in ecosystems, like an intricate web, to maintain balance and support life. Biodiversity supports everything in nature that we need to survive food, clean water, medicine, and shelter. The term biodiversity (from "biological diversity") refers to the variety of life on Earth at all its levels, from genes to ecosystems, and can encompass the evolutionary, ecological, and cultural processes that sustain life. At the Center for Biodiversity and Conservation, we include humans and human cultural diversity as a part of biodiversity. We use the term "biocultural" to describe the dynamic, continually evolving and interconnected nature of people and place, and the notion that social and biological dimensions are interrelated.

India is the world's 8th most biodiverse region with a 0.46 BioD score on diversity index. 102,718 species of fauna and 23.39% of the nation's geographical area under forest and tree cover in 2020.

Officially, four out of the 36 Biodiversity Hotspots in the world are present in India: the Himalayas, the Western Ghats, the Indo-Burma region and the Sundaland. To these may be added the Sundarbans and the Terai-Duar Savannah grasslands for their unique foliage and animal species. We're using these same tactics to combat biodiversity loss all over the world – analyzing the unique threats and finding innovative solutions. To protect the iconic wildlife we all love, we must rebuild the web of biodiversity that supports it.

STUDENT'S CORNER

 **MOHD SHAHID**
B. PHARM-I

NOISE POLLUTION

Noise is defined as unwanted sound. Emitted noise consists of all the unwanted sounds. Environmental noise pollution is a form of air pollution, and is a hazard to health and well-being of human beings. This threat continues to increase in magnitude and severity because of population growth and urbanization. It continues to grow with time which remains major sources of environmental noise. Sustained noise produces a direct and cumulative adverse effect that impairs health and that degrades residential, social and working environment. Noise creates an important public health problem that can lead to hearing loss, sleep handicaps, reduced productivity, negative social behavior, annoyance reactions and accidents. A growing body of evidence confirms that noise pollution has both temporary and permanent effects on humans by way of the endocrine, and the nervous system.



Noise pollution is not believed to be a cause of mental illness, but it is assumed to accelerate and intensify the development of latent mental disorders. Noise pollution may cause anxiety, stress, headache, emotional instability, neuroses, hysteria and psychosis.

Successful noise management should be based on the fundamental principles of precaution.

 **MEHEK SONI**
B. TECH-II CSE

IMPORTANCE OF LIBRARY IN OUR STUDENT LIFE

*"When I got my library card,
That's when my life began."* - Rita Mae Brown

The word library is derived from a French word *Librairie*; Latin *liber* = book. The library plays an important role in our academic and social lives. Library is an organized collection of information resources like books, newspapers, CD's, journals and research papers etc, made accessible to a defined community, for reference or borrowing. A library can be of different types like, school library, college library, office library or community library etc.



"It is a man's duty to have books. A 'Library' is not luxury but one of the necessities of life"- Henry Ward Beecher

A library is not just a building where you can go and borrow books for a certain period of time; in fact, it means a lot more than that. There are libraries in a lot of places. A library is a place where you can find books and other informative material to read and borrow for a few days. Libraries can be a great place to improve literacy by running all sorts of fun and helpful things and where you can meet other people who are really enthusiastic about the knowledge.

"Without libraries, what do we have? We have no past, no future."- Ray Bradbury

Importance of Library for College Students

Helps in learning more: Reading a book is always the best way of passing time. Library bridges the gap between a student's desire to know, and what they taught in school. Children and their desire play a big role in framing a bright future.

Increases Literacy: Studies can't be bounded into limits and the thirst of reading more books should be there inside every kid. Commonly a student tries to skip their studies and give their time in playing games. Library balances this part by offering a source of knowledge. There should be a particular time for a library in the school which drags students forcefully into the light of knowledge. Books are the key to literacy and prepare the students for making a better life by staying knowledgeable.

Create an Ambiance: The ambiance inside a library is so different from the other corner of the school that students in the early stage find it's boring. But once they start reading books to meet their requirement, they will find interests in it. Silence inside the library helps a reader to study peacefully. Maintaining the ambiance is necessary for a few reasons. At first, it creates a reading atmosphere and secondly, it influence students to read a book by watching others.

Know Yourself Here: The best part of getting inside a library is that you will be there in between whole lots of knowledge. Yes, it's true that only by sitting inside the library can't help but still it will develop a mindset. Studying the different type of books apart from the syllabus will help the student to find his or her interest.

It Opens World of Wisdom: A handsome man can be identified by his appearance, but an educated man can be identified when he opens his mouth. Education is the only investment that gives returns throughout life. Library with an abundance of books will open up the mind for the student. Reading books in the library make them aware of many things which are not possible by simply attending regular classes.

 **SAGAR KUMAR SAH**
B. PHARM-I



STUDENT'S CORNER

 **ANJALI SHARMA**
DIPLOMA-I CSE

WOMEN EMPOWERMENT NEED FOR TODAY?

Women Empowerment is made up of two words women and empowerment. Empowerment means to give power in the hands of women. It signifies that women should be given equal opportunity in every field, without any discrimination. In this essay, we discuss women empowerment and the ways through which it can be achieved.



Women Empowerment is the process that creates power in women to live a happy and respectable life in a society. Women are empowered when they are able to access opportunities in a variety of fields such as in education, profession, lifestyle, etc. without any limitations or restrictions. It includes raising their status through education, awareness, literacy and training. It also includes the authority to take decisions. When a woman makes a crucial decision, she feels empowered.

Women's Empowerment is the most crucial point for the overall development of a country. Suppose, in a family there is one earning person, while in another family, both men and women are earning, and then who will have a better lifestyle. The answer is simple, the family where both men and women are earning money. Thus, the country where men and women work together develops at a faster rate.

Women can be empowered in various ways. It can be done through government schemes as well as on an individual basis. At the individual level, we should start respecting women and start giving them opportunities equal to men. We should promote and encourage them to take up jobs, higher education, business activities, etc.

The government has come up with various schemes such as Beti Bacho Beti Padho Yojana, Mahila-E-Haat, Mahila Shakti Kendra, Working women Hostel, Sukanya Samridhi Yojana, etc., to empower women. Apart from these schemes, we as individuals can also empower women by abolishing social evils like the dowry system, child marriage, and so on.

Therefore, good education can be defined as the general and specific knowledge people gain by being taught or by experience.

Education is not the learning of facts, but the training of the mind to think", according to Albert Einstein. Gathering a load of information is easily possible in the present age of the internet and technology. Being able to answer every question does not guarantee or prepare you for a life where experience and knowledge is accounted for.

 **SHIVANI JAISWAL**
B.COM-I

Don't Forget Humanity

As long as people are divided in religion and caste,
How many people are cut by the sword of hypocrisy?

There are crossroads when it comes to humanity.

People have their own religion in their heart.

An open eye here, then truth is suppressed.

How people are able to defend only lies?

Someone who dies in agony, who will save his life?

Knowing why people have gone beyond thinking.

Seeing the spectacle, the people are shocked,

Forgetting humanity, people have limits in themselves.



 **FARAH NAZ**
B.TECH-I CE

THE POWER OF BEING EDUCATED

Being educated often makes you feel powerful. Why is that?

Imagine you did not know how to use a mobile phone, a laptop, a match stick or a bulb. What is the use of possessing something that you do not know how to use? In the beginning of time, it was found out that hitting two rocks together produces sparks that can start a fire. Every little thing you come across can teach you something or the other. The more you know, the more powerful you become.



Knowing how to drive a car would come in handy when you have to go somewhere with more people travelling with you. Knowing how to fix a pipe can help you when someone accidentally breaks off a pipe and water keeps flowing. Likewise, everything you learn will help you in one or the other way.

 **MOHD SHAD**
B.TECH-I CSE



EVENTS



ESSAY WRITING COMPETITION HELD AT JIT

World Homeopathy Day was celebrated in the Faculty of Pharmacy, JIT, on April 10, 2022. The theme of the day this year was 'Homeopathy: People's Choice for Wellness'. The students of Pharmacy participated in an essay writing competition on the topic, "Role of Pharmacy in Medicine".

World Homoeopathy Day 2022 is observed on April 10 every year across the world to highlight the importance of the field of medicine. The day is also celebrated to commemorate the birth anniversary of Dr. Samuel Hahnemann, the founder of homeopathy.

