

JIT NEWSLETTER EXPLORE

Issue 01 | November 2021



EDITORIAL BOARD

Chief Editor

Dr Syed Kazim Mehdi

Editor

Ms Zeba Mahtab

Members

Dr. A. K. Mishra (Principal, JIT)

Dr. A. A. S. Ghazi (Principal Engg, JIT)

Dr. Shahid Jamil (Principal Pharmacy, JIT)

UPCOMING EVENTS

4 th November	Diwali
10 th November	International Science Day
13 th November	National Education Day
16 th November	Guru Nanak Jayanti
16-22 th November	Pharmacy Week
26 th November	Constitution Day
30 th November	Computer Science Day

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.

DR A K MISHRA Principal, JIT

I would like to extend congratulations on the publication of the first issue of JIT Newsletter. This moment gives me immense pleasure to recollect our achievements through the past years. We celebrate the attempts and achievements of our students, faculty members, and the Institute at large in this Newsletter, in providing higher education to the most deprived section of our society. I appreciate the hard work and vitality of all JIT members who stood up in our fight against the Covid-19 Pandemic, and continued their work in accordance with the Govt protocol, and participated in the vaccination programme. We organized webinars, departmental events, introduced Gnomio platform – a step towards Digital India, to facilitate online classes. We are committed to provide quality education to our students.

I wish all success to the entire team of JIT.



DR. A A S GHAZI Principal, Faculty of Engineering

Dear Readers, Greetings of the season!

I hope you all are doing well and are in best of your spirits and health.

I would like to congratulate our pass out students of batch 2021, especially those who have been selected for higher studies in India and abroad, and got jobs through in-Campus and off-Campus placement activities. We are sure that you will bring laurels to your parents and institute, and become an asset to, not only India, but to the whole world. Hard work pays, so those who haven't made it yet, don't lose heart and get going.

We welcome our students to the new academic session 2021-22, and are confident to impart quality education, skills and knowledge. I would like our students to attend classes regularly and participate in co-curricular activities which will bring a drastic change in their mindset, confidence, skills and personality.

Take care of yourself and your family; and contribute in nation building.

Wish you all the best of luck.

DR. SHAHID JAMIL Principal, Faculty of Pharmacy

Dear Readers, Greetings of the season!

I hope this message finds you in good health.

First of all, I would like to extend my warm wishes to our first pass out students of Diploma in Pharmacy, 2019-21 batch. Congratulations on their achievement and best wishes for success in life. We sincerely hope that your new journey will be full of peace, harmony, success and comfort. Pharmacists are the drug experts, and they directly affect patient care and health outcomes. "Wherever the art of medicine is loved, there is also love of humanity" – said Hippocrates II, the Greek physician known as the father of medicine.

In the same essence, on behalf of all Faculty of Pharmacy family, I welcome our students of new academic session 2021-2022 at Jahangirabad Institute of Technology (JIT). Faculty of Pharmacy imparts quality education, skills, and knowledge in Pharmaceutical sciences. at the Faculty of Pharmacy, our students are the most significant asset, and investment that we have. We are preparing students for the future, which will bring further promising changes to the pharmacy profession. We are still in the times of COVID-19, and I sincerely advice you to follow safety guidelines.

Take care of yourself and your family.

FROM THE DEPARTMENTS

 **DR. MOHAMMAD SULEMAN QURAIISHI**
HOD (FOE) Department of Applied Sciences, JIT.

Mathematics has a vast scope in the field of Science and Engineering, as it is being used mostly in every field of study. Without Mathematics, I think no field of study can be complete. Mathematics takes the larger form after certain levels from the level zero, at which we count the numerals on our finger tips. But the phobia of Mathematics grows slowly from the level at which we do not care about it. There are different types of phobias; one of them is Arithmophobia (fear of Mathematics). It starts from teen age of student and grows up with time. The best way to remove this phobia is to be very frank with Mathematics, take interest, and practice regularly with true heart. Only formulae will not work without basics.

"Practice Makes a Man Perfect." Mathematics demands practice. I, at Jahangirabad Institute of Technology, serving for more than two years, try my best to remove this phobia of Mathematics of the JIT students by solving their Mathematical problems, so that they can succeed in their engineering and science life ahead. Mathematics plays a vital role in every subject of Engineering. Mathematics says "First enter into me then I will enter into you" to understand better. Mathematics requires sincere efforts, and once one enters into its area, this subject starts to become familiar.

This newsletter of JIT is a good initiative to put relevant views focusing on happy, prosperous and healthy life ahead.

 **MAHESH KUMAR**
HOD Department of Mechanical Engineering

I feel great pleasure to extend best wishes at the publication of the first Newsletter of Jahangirabad Institute of Technology. This newsletter will help to share the news, events and achievements of the department among JIT fraternity. I would like to congratulate all members of the editorial board for their sincere effort to realize this new venture. I earnestly wish and sincerely hope that this new publication turns out to be a resounding success.

Every industry needs mechanical engineers. The curriculum is sufficiently broad so students can take various career paths upon graduation. There are outstanding career opportunities in many diverse and versatile engineering fields. They include analysis, design, manufacturing and operation in areas such as: Energy, Defense, Environment, Transportation, etc.

I hope this Newsletter will be helpful to bring JIT family on a single platform.

 **SYED MEHDI HASAN ZAIDI**
HOD Faculty of Pharmacy

It is a matter of immense pleasure and honour for me to address you all through the Newsletter of Jahangirabad Institute of Technology. It is indeed very heartening to witness that the college has carved a name for itself in the academic scenario of the region. Recently established Faculty of Pharmacy also achieved many milestones in such a short span of time.

Education is the most powerful tool to bring desirable changes in our personality, and also to bring positive changes in our society. It is the only medium which enables us to move from darkness to light.

Dear friends, I strongly believe that, there can be no better way to drive and improve our nation's prosperity and social economic well-being than through its education system. I also believe that, technocrats are the key to continued economic and technological advancement of our country.

I would take this opportunity to urge you all to focus on all round development. You should always have your education laced with morality and ethics. This task has to be taken over by the academicians to provide value and ethic based education. You should all remember that, "honesty is the first chapter in the book of wisdom" and we should inculcate honesty and integrity in all what we do.

I earnestly hope and trust that, my esteemed academicians and budding technocrats will work with sincerity, honesty and dedication, and thereby contribute to make this world a better place to live in.

 **MAZHARUL HAQUE**
HOD Dept. of Electrical Engineering

Greetings!! I am glad that Management of JIT provided vision and support to come out first E-Newsletter.

It's a forum to connect all stakeholders: internal & external and recognize and share Electrical Engineering Department activities performed by students and faculties. I am indeed very happy at the roll out our first newsletter that will highlight various activities like: Industrial/ educational tour, seminar, guest lecture, sports activity, etc.

I congratulate students, faculty and staff of Electrical Engineering Department for splendid show, and wish all the success to editorial team. We would endeavor to achieve mission and vision of Department of Electrical Engineering, and help JIT'ians become technological leader of tomorrow.

STUDENT'S CORNER

 **AYUSH YADAV**
B-TECH II

What is cyber security? In today's world many types of security required for safety for many types of attack so for cyber attack we need cyber security for protection of our information regarding bank and many things.. Definition "It's being protected by inter-connected system including hardware, software and data from cyber attack. Why do we need cyber security? We need cyber security to protect our information and system from many cyber attacks.

According to Accenture, "the average cost of a Malware attack is a 2.6 million USD." Malware is a type of most common used cyber attacks by attackers, in which they get connected to your system by flashing dangerous links and fake e-mail when user clicks on it Phishing is also a type of attack in which cyber criminal send malicious emails that seem to come from legitimate resources. The user is then tricked into clicking on the malicious link in the email, leading to malware installation or disclosure of sensitive information like credit card details and login credentials. Stephane Nappo remarks, "It takes 20 years to build a reputation and few minutes of cyber-incident to ruin it."

So, don't touch unnecessarily any link, it could be dangerous. What is cyber crime? It involves activities such as, credit card fraud, cyber stalking, gaining unauthorized access to computer system and also stealing another's identify to perform criminal acts.

 **SHEIKH ANAM PARVEEN**
B-TECH II

In many countries, including India, the girl child is discriminated against from the early stages of her life. It is because of this discrimination, girls are not allowed education either in their childhood or after a certain age. In rural parts of India, one of the reasons why girls are deprived of education is that they would leave the parents' house post marriage. Poor parents do not consider it to be economical investment. Since boys are the bread earners, their education is given the maximum importance.

Often girls themselves choose not to study, usually due to financial crisis at home, domestic responsibilities, and even lack of aspiration. However, education for girls is extremely necessary because they too play an important role in country's economy and society. Also, women are the primary care givers in the family. Proper education would enable them to improve their lives and others' as well. Educated girls can share the burden of earning a livelihood, which would eliminate child labour.

Education also makes girls aware of family planning, health and sanitization. As a result, there will be low infant mortality rates, and less number of deaths of women in child birth.

We should raise awareness among people, so that people should be more sensible and aware of this major unheard topic. Fortunately governments are taking initiatives regarding this, but due to lack of resources and awareness, people still don't accept it more openly.

One can say that there is still hope for the betterment of our society.

 **MANAS SHARMA**
D-PHARM I

Missile man of India and the 11th President of our country, Dr. APJ Abdul Kalam, was born on 15 Oct 1931 in Dhanushkodi, Rameshwaram, in state of Tamil Nadu. His full name is Avul Pakir Jainulabdeen Abdul Kalam Azad. His mother was Ashiamma and his father was a boat owner and imam of local mosque. To support his family he faced lots of financial struggle, sold newspapers and contributed as laborer in the field. He was a renowned personality, and was very good in academics. He achieved his bachelor's degree in Aeronautical engineering from Madras University. He worked as a scientist in DRDO and ISRO after completing his graduation. He played vital role in India's nuclear test at Pokhran-2 in 1998. His participation gifted us with many powerful missiles such as Agni, Akash, Prithvi, Trishul, Nag etc.

Dr Kalam shared his life through his autobiography titled Wings of Fire. He was gifted with motivation in life which led him to become president of India. Indian government honored him with most notable awards like Bharat Ratna and Padma Vibhushan. The Royal Society of UK awarded him with The King Charles II medal for Science and Technology.

As a human being, Dr. Kalam was a man carrying humility, simplicity and integrity throughout his life. He died while delivering lecture in Shillong. The sudden cardiac attack in 2015 took away our precious president. He was an outstanding scientist, and a pioneer in engineering, who served his nation throughout his life.

 **MOHD. SAMEER**
B-TECH II



EVENTS



DR. V. K. TRIPATHI AT JIT

We all became part of a special event as a regular endeavor to expand the boundaries of our knowledge at JIT, as the institute invited Dr. Vipin Kumar Tripathi, a former Professor at IIT Delhi to the campus on 18 October 2021, to deliver a lecture and address the students. A man of vast knowledge, Dr. Tripathi is a kind human and very much part of the movement named Sadbhav Mission. This mission aims at the grass root resistance against communal hatred, and mobilizes people against any discrimination. A man of versatile knowledge, Dr. Tripathi talked about importance of communal harmony for the future citizens of India, the students. He urged them to develop their minds by acquiring knowledge, and cultivate a feeling of brotherhood for the fellow citizens. Quite fond of poetry, Dr. Tripathi recited some quatrains, and 'Ghazal' to motivate the students. He says:

*'Mila hai dard to uss dard ko jee kar dekho
Zahar ke ghoont bhi sach ke liye pee kar dekho
Khuda ka aks tumhe saaf nazar ayega
Kisi mazloom ke aansu to poch kar dekho!'*

Dr Tripathi was presented a bouquet by the Principal, JIT, Dr A.K. Mishra, and the Vote of Thanks was given by A.O. Mr. Ashraf. Dr. A.A.S. Ghazi and Dr. Shahid Jamil, were also present at the event.

