









Biannual Issue | January 1' 2024



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UPCOMING EVENTS

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Celebration of National Technology Day by CE & HRDC



World Environment Day



Workshop on Fine Arts

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

Dear Students/ Readers.

Ilt gives me immense pleasure to present the new version of the JIT Newsletter as a biannual issue. It is the outcome of the valuable contribution of the Director, Principals, Faculty members, and students, and I'm hopeful that it will continue in future as well

It is an effort to contribute in the overall progress, and transformation going on in JETGI. Things are changing fast, from a completely transformed campus to the plan of introducing new courses, improvement in the academic standard, and motivation for students to come out and express their minds, and perform.

All this and the calm and serene environment of the campus, away from the busy and noisy life of cities, give a perfect opportunity to the students to focus on their studies and excel, become good professionals, and contribute in the betterment of the society, and progress of the nation.

The famous English writer Sir Francis Bacon said," Reading maketh a full man, writing an exact man, and counsel a ready man", and there is an important message in this quote.

Best of luck for a bright future!

DR. MD. KALEEM

"Constitution is not a mere lawyer's document, it is a vehicle of Life, and its spirit is always the spirit of Age." Dr B R Ambedkar

Our Constitution stands as a forward-looking, inclusive document, reflecting the collective aspirations of all Indians. The Preamble articulates our commitment to a sovereign, socialist, secular, democratic republic, ensuring justice, liberty, equality, and fraternity for all citizens. Despite a significant majority in the Constituent Assembly, drafters took pains to safeguard the interests of minorities, the oppressed, and dissenters.

To move forward as a world leader, citizens must actively practice the objectives outlined in the Constitution. Secularism, a cornerstone, emphasizes the importance of maintaining a neutral character, allowing diverse identities to coexist. The Constitution, through its Directive Principles and Articles, encourages a commitment to truth, scientific temperament, compassion, and equality, empowering individuals to challenge biases and oppression. Constitutional nationalism provides a code for negotiating differences and pursuing common goals of peace, progress, and prosperity. Citizenship rights, integral to this framework, bind us together in a shared journey, demanding active participation from every citizen.

This constitutional framework also fosters a synergetic culture, emphasizing the importance of practicing citizenship daily. Despite being a relatively young narrative, penned in 1950, constitutional nationalism guides us in building an identity that is natural, neutral, and negotiable.

The true strength of our nation lies not in uniformity of opinion, but in the tolerance for diverse views. A robust democracy thrives on citizens expressing revolutionary ideas without fear, a free and open press, and a society where differences can be diluted.

To realize our potential as a global leader, students, teachers, and every citizen must actively embrace and practice the values embedded in our Constitution. The strength of India lies in the diversity of its people united under the principles of justice, liberty, equality, and fraternity.

JAHANGIRABAD INSTITUTE OF TECHNOLOGY, BARABANKI



DIRECTOR'S DESK













It is with a sense of great pride that I announce the re-commencement of the JIT Newsletter "EXPLORE". The newsletter is going to be produced biannually and will contain views, stories, articles by professors and students. This I believe will in turn allow the recipients of this Newsletter to get a sense of the current happenings and the environment of JIT.

I am sanguine that as the Newsletter progresses, we may in future, strive for an annual Magazine.

It is often said that pen is mightier than sword, well we the "JITIANS" will strive to prove the saying. Having been on this campus for almost a year, I can proudly say that our students and professors are second to none and our thoughts and views will convey the same.

In not to distant a future, JIT's name will resonate alongside that of VIT Vellore and MIT Manipal.

My best wishes for the venture. May you produce meaningful, well articulated, well nuanced articles to enrich all of us.

GOD BLESS





ENGINEERING VAULT

DR NOURUL ISLAM PRINCIPAL ENGINEERING

I am delighted to share the remarkable achievements and objectives of our Faculty of Engineering, reflecting our commitment to comprehensive education and global engagement.

Emphasizing holistic growth, our faculty has initiated a personalized development program to nurture not just technical skills but also leadership, communication, and problem-solving abilities. We take pride in our recently signed Memorandum of Understanding (MoU) with Manado State University (MSU), Indonesia. Our students engaged in a fruitful exchange program on the topic of Data Mining, fostering international perspectives and cross-cultural collaboration. A strategic alliance with Full Stack Developer has opened new avenues for our students to delve into cutting-edge technologies and stay abreast of industry demands. We organized an enriching International Webinar and regular expert lectures, providing our students exposure to the latest advancements and insights from industry leaders. Our commitment to professional preparedness is evident through organized mock interviews for final year students and the establishment of a fully functional Innovation Cell, encouraging entrepreneurial thinking. Three startups are currently in progress, a testament to our emphasis on cultivating an entrepreneurial spirit among our students. The recently concluded 3 days JIT Annual Fest, J-TECH Fusion, showcased the creativity and talents of our students beyond academics.





MR. M. SADIQUE ANSARI

HOD COMPUTER SCIENCE & ENGINEERING

Greetings from the Department of Computer Science and Engineering!
I am delighted to share the recent endeavors and achievements of our dynamic department. We recently conducted a seminar on Artificial Intelligence and Python Programming, fostering an environment for students to delve into the cutting-edge realms of AI and enhance their programming skills.

Another enriching seminar focused on Predicate Logic, providing students with a deeper understanding of logical reasoning and its applications in computer science.

In line with our commitment to hands-on learning, a workshop on Data Structures and Cyber security was organized. This initiative aimed to equip students with essential skills, ensuring they are well-prepared for the challenges posed by evolving technologies.

I am proud to announce that four of our students have secured placements at Prodesc IT, Noida. This accomplishment reflects the dedication and proficiency of our students and the quality of education provided by our department.

Additionally, I had the privilege of being one of the organizers of the 3-day JIT annual event, J-Tech Fusion. This event, a culmination of technical prowess and creative expression, showcased the diverse talents of our students and provided a platform for networking and learning.

These initiatives underscore our commitment to providing a holistic and industry-relevant education. As we continue to strive for excellence, I encourage both students and faculty to actively engage in such events and opportunities for continuous learning.

MR. MAHESH KUMAR HOD MECHANICAL ENGINEERING

Mechanical Engineering stands as one of the most expansive engineering disciplines, providing avenues for specialization in diverse fields like robotics, aerospace, automotive engineering, HVAC, biomechanics, and beyond. At its core, mechanical engineers are the architects who design, develop, build, and test innovations, influencing everything from components to machinery to the human body. Their work is integral to shaping the technology and infrastructure that define our modern world.

In line with our commitment to cutting-edge learning, the department is proud to announce the organization of a software-based workshop on Design Thinking. This workshop aims to foster a creative and problem-solving mindset among our students. Design thinking is a pivotal skill in the ever-evolving landscape of mechanical engineering, encouraging students to approach challenges with innovative and user-centric solutions. Through hands-on experiences in this workshop, our students will develop a deeper understanding of the design process, enhancing their ability to contribute meaningfully to the field.

As we continue to nurture a culture of innovation and excellence, this workshop aligns with our mission to equip students with the skills and perspectives needed to excel in the dynamic field of Mechanical Engineering.

ENGINEERING GLANCE



3 Days J- Tech Fusion a catalyst for the intellectual and creative fusion that propels students towards excellence and pushes the boundaries of technological exploration.



First Year Induction Program



FROM ENGINEERING FACULTIES

OVAIS ALI

ASSISTANT PROFESSOR OF CHEMISTRY APPLIED SCIENCE.

How the new Education Ministry guidelines will affect the coaching institutes

The Education Ministry published new recommendations in response to the rising number of student suicides and other misbehaviors, unethical competitiveness and tension among students, and outrageous costs charged by coaching institutions.

The guidelines specify requirements for approval. The institutes would incur significant costs if the requirements were not met.

Coaching facilities will now need to make sure that their instructors meet the requirements for a minimum degree Graduation and post the most recent information about their faculty, student fees, and other policies on a dedicated website. Furthermore, coaching facilities must make sure that no tutors or individuals who have been found guilty of any crime involving moral turpitude are employed.

Making misleading promises/advertisements to attract students and parents to enroll and be a part of the institute is strictly prohibited and will be crucial to revoke/not granting registration.

Students below 16 years of age are now not allowed to enroll in the coaching institutes. This is proposed to restrict the coaching institutes that start preparing students from a very young age for competitive exams.

If any of the terms and conditions of registration or general conditions stated in the guidelines is violated, the coaching center will be required to pay penalties as outlined below:

- A penalty of ₹25,000/- will be imposed for the first offence.
- 2. A penalty of Rs. 1, 00,000/- will be imposed for the second offence.

NAPHIS AHMAD

ASSISTANT PROFESSOR, MECHANICAL ENGINEER

Challenges Faced in implementing BS 5 Regulation in, India

The rollout of Bharat Stage 5 (BS 5) emission norms in India presented a series of challenges for the automotive industry and regulatory authorities. One of the primary hurdles was the need for technological adaptation. Manufacturers had to invest significantly in research and development to upgrade vehicle models and implement advanced emission control technologies to meet the stringent BS 5 standards.

Infrastructure readiness posed another challenge as the availability and distribution of BS 5-compliant fuel had to be ensured across the country. This required substantial coordination and investment to upgrade existing fuel infrastructure, particularly in remote areas.

Cost implications were a noteworthy concern, with the adoption of new emission control technologies leading to increased production costs. This raised the possibility of a rise in vehicle prices, impacting consumer affordability and potentially affecting overall industry sales.

Furthermore, the transition period, during which both BS 4 and BS 5 vehicles coexisted, presented logistical challenges in terms of manufacturing, inventory management, and dealership operations. Navigating this transitional phase required careful planning and execution.

Despite these challenges, the BS 5 rollout signifies a crucial step toward reducing vehicular emissions and improving air quality in India. The industry's successful response to these challenges reflects a commitment to environmental sustainability and regulatory compliance.

MINA KHATOON

COMPUTER SCIENCE

Artificial Intelligence (AI) has become a transformative force in the current world, reshaping various facets of our lives and industries. In today's scenario, AI is not merely a futuristic concept but a present reality, influencing everything from business operations to healthcare and beyond. One of the most significant impacts of AI is seen in the business landscape. Companies are leveraging AI technologies to streamline processes, enhance productivity, and gain valuable insights from data. Machine learning algorithms are used to analyze vast datasets, enabling businesses to make informed decisions, predict trends, and optimize their strategies. This has led to a paradigm shift in how organizations operate, making them more efficient and competitive. In healthcare, AI is revolutionizing diagnostics, drug discovery, and patient care. AI algorithms can analyze medical images, such as X-rays and MRIs, with high precision, aiding in early detection of diseases. Additionally, AI-powered virtual assistants are improving patient engagement and providing personalized health recommendations.

Moreover, Al plays a crucial role in addressing global challenges. In fields like climate science, Al algorithms analyze environmental data to model and predict climate patterns, helping scientists understand and combat climate change more effectively.

In conclusion, artificial intelligence has become an integral part of the current world scenario, revolutionizing industries and influencing diverse aspects of our daily lives. As we navigate this Al-driven era, it is crucial to foster ethical practices and regulations that ensure its responsible and inclusive use for the betterment of society.

AR. SAIMA AKHTAR ARCHITECT/TRAINER

Embracing Nature's Harmony at Jahangirabad Institute of Technology: The Biophilic Bond

Jahangirabad Institute of Technology (JIT) stands as a beacon of commitment to the harmony of nature through the Biophilic Bond, especially in today's era dominated by concrete landscapes. Recognizing the vital importance of establishing a biophilic connection between humanity and nature, JIT is unwavering in its dedication to nurturing this intrinsic bond. In response to the escalating urbanization that distances individuals from nature, JIT's architects and designers take the lead by incorporating biophilic design principles. The campus undergoes a transformation into a sanctuary, featuring green roofs, vertical gardens, and communal spaces adorned with vegetation. These elements not only enhance aesthetics but also contribute to improved cognitive function and overall well-being through natural light, sustainable materials, and water features.

Beyond aesthetics, the promotion of biophilic connections becomes a meaningful investment in the health and happiness of our community. JIT envisions a sustainable future, transforming concrete landscapes into harmonious urban ecosystems that seamlessly coexist with the natural world. Living walls, natural light, and organic materials transcend aesthetics, influencing sustainable practices and encouraging responsible ecological behaviour.

JIT actively fosters a symbiotic relationship between humanity and nature, curating green zones that serve as tranquil retreats for students and faculty. From verdant campuses to strategically positioned green spaces, JIT's environment not only stimulates learning but also nurtures curiosity. As we advance, let's appreciate the beauty surrounding us and actively conserve the biophilic connection, making JIT an exceptional place for learning and personal development.



PHARMACY VAULT

DR.AMIT SHARMA

PRINCIPAL, FACULTY OF PHARMACY, JETGI, BARABANKI, U.P.

The role of pharmacists has evolved significantly over the past two decades, shifting from product-centered services to patient-focused care in many parts of the world. In adapting to changing practices, pharmacists frequently engage with patients and healthcare providers to enhance the delivery of pharmaceutical care services, playing a crucial role in optimizing patient care amid shifting demands. Access and proper use of medicines remain significant challenges in numerous developing countries, underscoring the indispensable role of pharmacists in addressing medicine-related issues within healthcare systems.

Welcome to the Jahangirabad Institute of Technology, Faculty of Pharmacy in Barabanki, Uttar Pradesh, established in 2019 to provide high-quality pharmacy education at both diploma and undergraduate levels. The College offers a four-year Bachelor of Pharmacy (B.Pharm) program and a two-year Diploma of Pharmacy (D.Pharm) program, with upcoming master's programs in Pharmaceutical Chemistry, Pharmaceutics, Pharmacology, and Pharm D.

Our institution boasts commendable teaching, learning, and research quality, acknowledged by regulatory bodies such as the Pharmacy Council of India (PCI), New Delhi. The College aims to excel in patient care, industrial, clinical and community-based pharmacy research, supported by robust infrastructure, advanced laboratories, and experienced faculty.

Our faculty comprises dynamic, qualified professionals with diverse backgrounds, fostering creativity and integrity in students. Besides academic pursuits, we offer co-curricular activities for personality development, enhancing interpersonal skills, and promoting a sense of belonging through quizzes, discussions, presentations, and more.

Congratulations on joining Jahangirabad Institute of Technology, Faculty of Pharmacy. Embrace the serene campus, engage wholeheartedly in our mission, and best wishes for your journey in the pharmaceutical profession.



MD. HEDAYTULLAH HOD, PHARMACY PRACTICE

Bridging gap between Pharmacy and Health Care System

We are proud to highlight the impactful strides made by the Pharmacy Practice department in our ongoing pursuit of integrating healthcare and rural development in India. Our primary objective is to bridge the healthcare gap by empowering pharmacists to play a pivotal role in rural communities.

In alignment with national healthcare goals, our department has focused on enhancing the accessibility and quality of pharmaceutical services in rural areas. Through strategic initiatives, we've engaged in community health programs, facilitating health awareness, and promoting preventive measures. Our faculty and students actively participate in health camps, offering pharmaceutical expertise to undeserved populations.

Furthermore, our curriculum emphasizes community-oriented pharmacy practices, equipping students with the skills needed to address the unique healthcare challenges prevalent in rural India. We believe that by nurturing a cadre of dedicated pharmacists, we contribute not only to the well-being of individuals but also to the overall socio-economic development of rural communities.

As a testament to our commitment, our students have undertaken various projects, providing essential healthcare services and promoting health literacy in remote areas. The department takes pride in the achievements of

our graduates, who have become catalysts for positive change, exemplifying the trans formative potential of pharmacy practice in rural development. Together, we continue to forge ahead, fostering a new era where pharmacy plays a central role in shaping healthier and more resilient rural communities across India.

MR. ALTAF HUSAIN

I am glad to share that Diploma in Pharmacy, Faculty of Pharmacy, Jahangirabad Educational Trust group of Institution, Barabanki successfully organised "The Free Medical Check Up Camp" on 23rd Dec. 2023 and coming out with the JETGI biannual magazine "JIT Newsletter" I hereby congratulate and convey my best wishes to the students, faculty members and principal of Diploma in Pharmacy, Faculty of Pharmacy, Jahangirabad Educational Trust group of

Institution for organizing "The Free Medical Check Up Camp" and bringing out JETGI biannual magazine "JIT Newsletter". providing a holistic and industry-relevant education. As we continue to strive for excellence, I encourage both students and faculty to actively engage in such events and opportunities for continuous learning.

PHARMACY GLANCE



One Week Workshop on World Antimicrobial Resistance Awareness from 18-24 Nov 2023



A one day Free Medical Check-Up Camp on 23 Dec. 2023.



Panel discussion on post covid complication in Indo –USA



FROM PHARMACY FACULTIES

DR.MOHAMMAD DABEER AHMAD

PROFESSOR, PHARMACEUTIC

Natural product-based nanotechnology and drug delivery

As per the recent World Health Organization (WHO) report, in developing countries, the basic health needs of approximately 80% of the population are met or complemented by traditional medicines. Plants are documented as a huge sources of natural compounds of medicinal importance. Several drugs that possess natural therapeutic agents in their composition are already available commercially. Their applications and names are as cancer treatment (Paclitaxel® and its analogues derived from the Taxus brevifolia plant; vinblastine and vincristine extracted from Catharanthus roseus. The alkaloids, flavonoids, tannins, terpenes, saponins, steroids, phenolic compounds, among others, are the bioactive molecules found in plants. In this sense, the accelerated development of nanotechnology has driven the design of new formulations through different approaches, such as, driving the drug to the site of action (Nanopharmaceutics); image and diagnosis (Nanodiagnostic), medical implants (Nanobiomaterials) and the combination diagnosis and treatment of diseases (Nanotheranostics).

Natural compounds extracted from plants used in nanomedicine

The science of nanomedicine is currently among the most fascinating areas of research. There has been lots of enthusiasm with the simplistic view of development of Nanorobots and Nanodevices that function in tissue diagnosis and repair mechanism with full external control mechanism. As with their benefits, however, the potential risk of nanomedicines both to humans and the environment at large require long term study. The recent advances in nanomedicines, including technological progresses in the delivery of old and new drugs as well as novel diagnostic methodologies. Good examples are the therapeutic application of nanotechnology for berberine, curcumin.

MR. AHMAD NAYEEM

ASSISTANT PROFESSOR, JIT FACULTY OF PHARMACY

Advancements in Tuberculosis Research: New Drugs in Clinical Trials Offer Hope for Global Eradication.

Worldwide tuberculosis (TB) is a major cause of morbidity and mortality, in 2022 a 10.6 million population were infected with Mycobacterium tuberculosis (TB) &total of 1.3 million people died from it. Early recognition of TB disease and prompt detection of drug resistance are essential to halting its global burden. Culture, microscopy, bimolecular tests and whole genome sequencing are approved methods of diagnosis.

Currently, 16 new TB drugs undergo evaluation in phase I or II clinical trials, while 22 drugs are in preclinical stages. Among these, oral medications and shorter regimensare under evaluation, aim is to enhance patient adherence, prevent relapse &resistance. Screening for TB infection, especially in vulnerable populations, offers an intervention opportunity before progression to infectious TB disease.

Pipeline Progress: Anti TB Drugs in clinical Trials

TBAJ-587 and TBAJ-876 are diarylquinolines, similar to BDQ, while delpazolid, sutezolid and TBI-223 are oxazolidinones, similar to LZD and cycloserine. Telacebec, a promising new drug

class, induces bacterial cell death by inhibiting the mycobacterial cytochrome bc1 complex responsible for ATP synthesis. If results from on-going clinical trials continue to reflects it is likely to be approved as a third new drug class.

The future of TB treatment appears promising with these advancements. Successful global eradication necessitates continued worldwide collaboration and expertise sharing to ensure each patient receives appropriate treatment and minimizing morbidity with TB.

MR. GULAM MUHEYUDDEEN

ASSISTANT PROFESSOR, JIT FACULTY OF PHARMACY

New synthetic antibiotic found to be more effective than established drugs against 'superbugs'

The University of Liverpool's groundbreaking synthetic antibiotic, teixobactin, has emerged as a highly effective solution against formidable 'superbugs,' including MRSA and VRE, outperforming established drugs. The research highlights teixobactin's remarkable efficacy in combating bacterial biofilms-clusters of bacteria associated with severe chronic infections, impacting millions globally. With nearly five million lives lost annually due to antibiotic resistance-related infections and an escalating threat, the development of novel antibiotics becomes pivotal for global healthcare.

Teixobactin, and its analog, discovered by Ishwar Singh and team, belongs to a new antibiotic class. It targets gram-positive bacteria by binding to crucial precursor molecules for cell wall formation, specifically lipid II and lipid III. The antibiotic was found using an innovative soil-bacteria culturing method, unveiling Eleftheria terrae as the producer. Teixobactin's potency against Staphylococcus aureus and Mycobacterium tuberculosis underscores its significance.

Teixobactin exhibits exceptional activity against a broad spectrum of Gram-positive bacteria, including multidrug-resistant strains like MRSA and VRE. Crucially, it avoids detectable resistance and operates through multiple modes, impeding bacterial evolution. These qualities position teixobactin as a promising scaffold for developing a new class of antibiotics, offering hope in the battle against antibiotic-resistant infections.

The discovery holds immense potential in addressing the looming public health crisis and underscores the urgency of continued research in this critical field.



SHAHEEN ANSARI

ASSOCIATE PROFESSOR, FACULTY OF PHARMACY

LET FOOD BE THE MEDICINE AND FOOD BE THE MEDICINE

Celery, Bok Choy, Rhubarb and more look just like bones. These foods specifically target bone strength. Bones are 23% sodium and these foods are 23% sodium. If you don't have enough sodium in your diet the body pulls it from the bones and making them weak. These foods replenish the skeletal needs of the body.

A slice of carrot looks like the human eye pupil. The pupil, iris and radiating lines look just like the human eye and carrots greatly enhance blood flow and function of the eyes.

A Tomato has four chambers and is red. The heart is red and has four chambers. All of the research shows tomatoes are indeed pure heart and blood food.

A walnut looks like a little brain, a left and right hemisphere. Upper cerebrums and lower cerebellums. Even the wrinkles or folds are on the not just like the neo-cortex. We now know that walnuts help develop over 3 dozen neuron-transmitters for brain function. Kidney Beans actually heal and help maintain kidney function and yes, they look exactly like the human kid- news. Avocados and Pears target the health and function of the womb and cervix of the female they look just like these organs. Onions look like body cells. Today's research shows that onions help clear waste materials from all of the body cells. They even produce tears which wash the epithelial layers of the eyes.



ARTS, COMMERCE VAULT

DR A.K MISHRA
PRINCIPAL ARTS & COMMERCE

"We want education by which character is formed, strength of mind is increased the intellect is expanded and by which one can stand on one s own feet ". Swami Vivekananda

We, at Jahangirabad Educational Trust Group of Institution, Faculty of Arts, endeavor to provide sufficient opportunities to each student to understand and discover themselves and to face and overcome challenges presented to them to make College life fulfilling and complete. We take pride in helping them grow and develop into sensitive and responsible well-rounded personalities of the next generation.

Every student is unique; we appreciate every student's individuality and try to nurture his strength. The aim of education is the help of the child to realize and explore their potential and become a future of family, society, and world depending on our students. I strongly feel that an education is a blend of academic excellence and developing their skills as a Principal of the college.

My motto is to encourage and empower our students to grow as strong, reflective and humble individuals with prescient mind. Effective teaching is about involving students not only in their learning journey but to help and encourage them to develop their skill simultaneously. Social and emotional intelligence of students plays a very significant role in their healthy growth. It has been our earnest endeavor to not only promote the intellectual and physical abilities but also raise the emotional intelligence of the children. Values of peace, love, justice, honesty, cleanliness, and social concern, quest for learning, integrity and creativity are assimilated in the policy and actions of the college which are helping in the holistic growth of every student. I appreciate the efforts put in by our wonderful team of students, teachers and the unstinting support of the Management for making this a truly successful year for all of us. In this pursuit of excellence, I appreciate our parent fraternity for supporting the college in every aspect. I would also like to put on record the incessant assistance and cooperation of all the teaching and non teaching staffs that help me to run this institution smoothly.



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MR. TUFAIL AHMAD ANSARI

HOD, ARTS/COMMERCE

ETHICAL VALUES

Exploring the Importance of Ethical Values in Today's Society in an ever-evolving world, ethical values serve as the foundation for a harmonious and just society. Ethical values encompass principles such as honesty, integrity, fairness, and compassion, shaping the way individuals interacts with one another and the world around them.

Integrity forms the bedrock of ethical values. It involves consistency in actions and adherence to moral principles.

Honesty is a cornerstone of ethical behavior. Embracing truthfulness in communication and actions builds transparency and cultivates an environment where people can rely on one another. Ethical values advocate for fairness and equality, recognizing the inherent worth and dignity of every individual. Compassion involves empathy and a genuine concern for others. Ethical individuals.

strive to understand the feelings and perspectives of those around them. Ethical values extend beyond individual actions to include a sense of responsibility toward the broader community.

Ethical values provide individuals with a framework for navigating complex moral dilemmas. When faced with tough decisions, adherence to ethical principles helps guide choices that align with one's values and contribute to the greater good.

In conclusion, ethical values are the threads that weave together the fabric of a just and compassionate society and shaping a future built on shared principles and mutual respect.

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DR. MOHAMMAD IMTIAZ

HEAD MARKETING, JIT

7 Skills Every Student Must Learn

In today's rapidly evolving world, students need to acquire a diverse set of skills. Here are seven essential skills that every student should strive to develop. It involves analyzing information, evaluating arguments, and making informed decisions. Students should approach problems with a logical and analytical mindset. Effective communication is vital in life.

Work to express yourself clearly, and adapt various styles for different audiences. The ability to work with others is essential in today's world. Learn to compromise, and appreciate diverse perspectives. Teamwork skills are crucial in academic, professional, and social settings.

The change in the world requires adaptable and flexible individuals. Open to new things, and adjusting to situations. Resilience in the face of setbacks is also a key component of adaptability. In the digital age, students must be proficient in using technology responsibly.

Understand online safety, credibility. Emotional intelligence involves recognizing and understanding one's own emotions and of others. Develop empathy, self-awareness, and interpersonal skills to navigate relationships and handle conflicts effectively. To stay organized is crucial for success in life. Learn to prioritize tasks, set realistic goals, and develop effective study habits for a balanced and fulfilling life.

Acquiring these skills will not only enhance a student's academic performance but also prepare them for the challenges and opportunities they'll encounter in their future, personal and professional endeavors.



FROM ARTS, COMMERCE & MANAGEMENT FACULTIES

FAHAD BIN ZAHID

FINANCE & MARKETING INCHARGE

Unveiling the Power of IoT in Transforming Our World

The Internet of Things (IoT) has become a disruptive force that unifies the physical and digital worlds to improve productivity, accessibility, and ease of use. Everyday things are given intelligence in this networked world, forming a network where gadgets may interact and work together to completely change the way we live and work. Linking formerly unrelated gadgets to the internet is one of the main principles of the Internet of Things. Within the context of smart homes, IoT has come to mean convenience. Imagine living in a house where appliances know what you need before you do, and lights change to suit your mood. IoT's influence extends beyond homes into industries, giving rise to the fourth industrial revolution. Factories equipped with IoT sensors and devices can optimize production.

This not only saves money, but it also ensures a more environmentally friendly manufacturing process.

This not only saves money, but it also ensures a more environmentally friendly manufacturing process.

The Internet of Things (IoT) offers many benefits, but it also poses certain difficulties. As more gadgets become connected, security is still a major worry. Unleashing the full potential of this technology requires careful consideration of protecting sensitive data and maintaining the integrity of IoT networks.

In conclusion, its capacity for connection, analysis, and optimization opens up new possibilities and ushers in a time when the digital and physical realms will come together for the benefit of society. Accepting IoT is accepting a world where invention is limitless.

SHIKHA NIGAM

Artificial Intelligence

Artificial Intelligence (AI): is revolutionizing the way we live, work, and Interact with technology. From voice-activated virtual assistants to self-driving cars, AI is becoming an integral part of our daily lives. At its core, AI refers to machines or software that mimics cognitive functions typically associated with human intelligence.

These functions include learning, reasoning, problem-solving, perception, and language understanding. All systems can be classified into two main types: Narrow Al, which is designed for a specific task, and General Al, which possesses human-like cognitive abilities across various domains.

The applications of AI are diverse and continually expanding. In healthcare, AI is aiding in diagnostics, drug discovery, and personalized treatment plans. Businesses utilize AI for data analysis, customer service, and automation of routine tasks. Smart homes integrate AI for improved energy efficiency and personalized user experiences.

While AI offers numerous benefits, it also poses challenges and raises ethical concerns. Job displacement due to automation, biased algorithms and the potential misuse of AI for malicious purposes are issues that society must address. Striking a balance between innovation and ethical considerations is crucial to ensure that AI benefits humanity without causing harm.

The ethical implications of AI are a focal point of discussion. Ensuring fairness, transparency, and accountability in AI systems is paramount. Developers and policymakers must collaborate to establish guidelines that prevent discriminatory practices and safeguard against unintended consequences.

G.L.BABY SALMA

नैतिकता मानव - मूल्यों की वह व्यवस्था है जो अधिक सुखमय जीवन के लिए हमारे व्यवहार को आकर देती है। नैतिकता की सहायता से हम विश्वास पात्रता से जीवन की जी कर हमारे संपर्क में आने वाले लोगों में विश्वास और मैत्रीय भावना स्थापित करते हैं। अतः "नैतिकता सख की एक कंजी है।"

यूं तो है तीन अक्षरों का शब्द पर मायनें इसके कर देते हैं नि:स्तब्ध

> जिधर भी जाएं यह निगाहें हर तरफ फैली है शिक्षा की राहें।

चाहे जितनी दूर जायें

हर तरफ मिलेगा ये हमें फैलाए अपनी बाहें।

कोयल की कूकं से भौरों की गूंज है शिक्षा मां की लोरी है, सुबह की "आरती" है शिक्षा।

जीवन के आदर्शों का मूल, इंसान के व्यक्तित्व रूपी फूल बचपन की घडियों में, बच्चों से की गई छोटी - बड़ी भूल| हर तरफ है शिक्षा

हर तरफ है शिक्षा।

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MS. SUMAN RAWAT

COMMERCE DEPARTMENT

The Transformative Impact of Computers

Shaping Modern Society" Computers have become an integral part of our daily lives, revolutionizing the way we work, communicate, and access information. This article explores the diverse applications and societal implications of computer usage.

- Communication and Connectivity: Computers have bridged geographical gaps, enabling instantaneous communication through emails, social media, and messaging platforms.
- 2. Information Access and Knowledge Sharing: The internet, powered by computers, serves as an immense repository of information.
- 3. Economic Growth and Productivity: In the business world, computers have streamlined processes, boosting efficiency and productivity.
- 4. Healthcare Advancements: Computers play a pivotal role in medical research, diagnostics, and patient care. From managing electronic health records to complex simulations, technology enhances the capabilities of the healthcare industry.
- 5. Education and E-Learning: With the advent of computers, traditional education has transformed into digital learning environments.
- 6. Entertainment and Media: The entertainment industry heavily relies on computers for content creation, distribution, and consumption.
- 7. Scientific and Engineering Advancements: Computers facilitate complex simulations, data analysis, and modeling in scientific research and engineering. In conclusion, the use of computers has transformed the way we live, work, and interacts. As technology continues to evolve, it is essential to harness its power responsibly, addressing challenges while maximizing the positive impact on society. Regards.



STUDENT'S CORNER

FARAZ NIYAZI

B.TECH -CSE II

CYBER SECURITY

"Cyber security is not just about protecting systems, it's about safeguarding trust in the digital world."

Cyber security is like a digital shield that protects our computers, and data from unauthorized attacks. With digital age it has become more critical. Cyber security is the set of strategies to keep the system secure. Using strong passwords, combination lock, regularly updating



the software can help. Antivirus software is stationed to lookout for any suspicious activity. Firewalls act as barriers, deciding who enters and who stays out. Phishing is a common cyber threat, trying to reveal sensitive information. Being cautious about clicking on unfamiliar links or sharing personal information online is your defense against these virtual scams. Encrypting your communication is like sending secret messages that only the intended recipient can understand. In a nutshell, cyber security is about building a robust defense system to safeguard your digital life.

"In the world of cyber security, there are two types of organizations, those that have been hacked and those that will be. Be prepared."

TAHA JAVED

B.TECH-II

SOCIAL ISSUES

Social issues encompass a various problems that affect the people and communities. These issues range from poverty, inequality, and discrimination, environmental degradation, access to healthcare and educational disparities.At the core it often reflects systematic injustices, ingrained cultural norms and economic disparities. All these limit the growth potential of an individual and make the life utterly difficult.



There is another big issue with the society that is Gender Inequality; which is treating people unfairly on grounds of certain identity. But we live in democratic, free society where each individual is equal with equal opportunities. These issues can in turn lead to many other new disparities like racial discrimination and lack of access to basic human rights. Tracking and fixing these issues will require immense efforts from not one individual alone but everyone needs to shake hands and initiate efforts to bring a change. Tackling social issues requires multifaceted approaches like policy changes, grassroots activism, community engagement and education. It will promote social justice, equality and will foster inclusive societal growth where all individuals can thrive and reach their full potential.



SHEIKH ANAM **B.TECH - FINAL YEAR**

ANHEDONIA

Just a hand full of concern can give a new life to the bud that has lost its hope to bloom into a flower. In today's so called modern world students face a lot of problems starting from depression, social anxiety to bullying, and backbiting.





Social Exclusion: is when some people are left out or not treated fairly in a group because of certain individual identity.

Bullying: It is repeated verbal, physical, social or psychological aggressive behavior by a person towards a meager person.

Family Pressure: it refers to the expectations, demands, or stress imposed by their families regarding academic, career choices, life decisions. This pressure can lead them astray from a desire to be successful.

Anxiety, Panic Attack and Depression: these often affect students due to academic pressures, social stress, life transitions, financial concerns, personal or family mental health history. These factors can combine to create a challenging environment for students



SHIBA PARWEEN

B.TECH-II

GIRL EDUCATION

Girl education is crucial for the development and progress of any society. When girls are educated, they have the opportunity to pursue their dreams, and become empowered individuals.

Education not only equips girls with knowledge and skills, but also helps them develop critical thinking, problem-solving, and leadership abilities. Moreover, educating girls has a ripple effect on



Educated girls are more likely to marry later, have healthier families, and provide better education for their own children. They also play an active role in decision-making processes, leading to more inclusive and equitable societies. However, despite its importance, many girls around the world still face barriers to education, such as poverty, cultural norms, and gender discrimination. It is crucial for governments, communities, and individuals to work together to break down these barriers and ensure equal access to education for all girls. Investing in girl education is not only a matter of justice and equality, but also a key driver of social and economic development. Let us strive to create a world where every girl has the opportunity to learn, grow, and thrive.



PRIYANSHU JAIN

B.TECH-CSE I

FITNESS: A SIMPLE GUIDE TO A HEALTHY LIFESTYLE

Fitness is all about taking care of your body so that it stays strong and healthy. One essential part of fitness is exercise. You don't have to be a gym expert or a sports star, simple activities can be of great exercises which makes muscles stronger and more flexible. The key is to find activities you enjoy. A balanced diet food is like giving your body the



right kind of fuel. Drinking enough Water keeps body hydrated, helping it work properly. It's like giving your body a refreshing boost. Getting a good night's sleep is part of the fitness puzzle too. This is when your muscles repair themselves and your brain gets ready for the next day. Being fit is not just about the physical side; it's also about feeling good mentally and emotionally. Staying fit is not about being perfect. It's about making small, positive choices every day. Whether it's taking a short walk, choosing a piece of fruit over a sugary snack, these little things add up to a healthier, happier you. So, let's keep it



STUDENT'S CORNER

D. PHARM-II

IMPORTANCE OF PHYSICAL HEALTH IN OUR LIVES

The proverb "Healthy mind lives in a healthy body" emphasizes the importance of physical well-being, often overlooked by many. A recent study focusing on teenagers revealed alarming rates of obesity, attributed to a sedentary lifestyle prevalent among 12-14-year-olds. This age group tends to engage in prolonged periods of TV watching, opting for public transport instead of active commuting methods like walking or cycling.



Contributing to the issue is the growing preference for junk food and sugary drinks, laden with excessive calories and detrimental to children's health. Such habits increase the risk of diabetes, heart disease, high blood pressure, strokes, and even certain types of cancer, posing a serious health hazard. Additionally, obesity can impact one's self-perception, contributing to feelings of unattractiveness.

In our fast-paced modern world, the demand for time often leaves little room for physical activity. However, prioritizing discipline is crucial in addressing these health concerns. While various treatment methods exist, the unparalleled benefits of exercise not only aid in weight loss but also enhance overall fitness, emphasizing the pivotal role of an active lifestyle in maintaining a healthy mind and body.

AREEBA JAMAL D. PHARM-II

GLOBAL ADVANCEMENT IN PHARMACY SERVICES FOR MENTAL HEALTH

Globally, over 1 billion people grapple with addictive disorders or mental health (MH) issues, constituting 7% of the global disease burden. Depression, a leading cause of disability, is linked to 10% of global deaths through suicide. Notably, the last two decades witnessed a rise in mental disorders among adolescents in developed nations, with contributing factors including

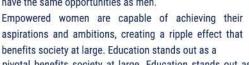


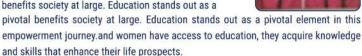
cognitive impairment, grip strength issues, and daily living limitations. In the United States and low-middle-income countries like India, millions face mental health challenges, necessitating interventions. Pharmacists, positioned to enhance pharmaceutical care (PC) services, play a crucial role in mitigating risks associated with mental disorders. As accessible healthcare providers, pharmacists offer services such as reviewing medicine utilization, recommending therapies, counseling patients, and managing medication therapy. The complexity and individualization of drug regimens for mental diseases highlight the variability of pharmacy services, influenced by patients, diseases, healthcare settings, community structures, and countries. Recognizing the scope of pharmacists in MH, their services provide valuable evidence for researchers and policymakers, guiding efforts to enhance mental health care.

RIHANA KHATOON B. PHARM-II

WOMEN EMPOWERMENT

Women empowerment embodies the notion of providing women with the autonomy to control their lives and make choices, emphasizing fairness and equality to ensure they have the same opportunities as men.







The role of jobs and businesses is equally significant. When women are given the opportunity to work and lead, it not only benefits them individually but also contributes to the overall strength of communities. Empowering women is synonymous with dismantling unfair treatment and discrimination, fostering an environment where they have a voice in decisions that impact their lives.

In essence, women empowerment transcends individual benefits; it is a catalyst for societal progress. By supporting women's rights and ensuring their inclusion in decision-making processes, a world emerges where every individual, irrespective of gender, can thrive, contributing their unique skills and ideas.

MD DANIYAL RAZA B. PHARM-II

AI'S IMPACT ON INDUSTRIES: TRANSFORMING HOW BUSINESSES OPERATE

In the fast-paced world of technology, Artificial Intelligence (AI) is causing a revolution, reshaping how industries operate. In healthcare, AI swiftly analyzes heaps of medical data, making diagnostics better and elevating patient care. The finance sector gets a boost from AI, automating tasks like data entry and fraud detection, making operations smoother and risks lower.



Al is a game-changer in retail and e-commerce, shaking up how customers experience personalized product suggestions and real-time assistance, resulting in happier customers and increased sales.

As AI progresses, it's not just a trend; it's becoming crucial in manufacturing and transportation, making processes more efficient, costs lower, and innovation more accessible. The ongoing AI revolution is more than a buzz; it's a vital tool empowering businesses to stay competitive in an increasingly AI-centric world. For businesses embracing AI, it's not just about automating tasks; it's about transforming how they operate, analyze data, and enhance customer experiences. In this era of technological evolution, tapping into the potential of AI isn't just beneficial—it's a necessity for a thriving future.

SHAFIULLAH B. PHARM-II

PHARMACY CAMPUS

A pharmacy campus is a special place where students learn to become pharmacists. It's like a school but focused on medicines and how to help people use them safely. On a pharmacy campus, there are classrooms where students study different subjects related to medicines, like chemistry and biology. They also learn about the human body and how medicines can help treat illnesses.



These labs are like mini pharmacies where they can see how medications are prepared. Students also get hands-on training to understand how to counsel patients on using medicines correctly. Pharmacy campuses often have a library with lots of books about medicines and health. This helps students do research and stay updated on the latest information in the field. There are usually friendly professors and staff who guide students through their studies and provide support. Pharmacy campuses aim to create well-rounded pharmacists who not only know about medicines but also how to communicate with patients and work in healthcare teams.



STUDENT'S CORNER

DHARAMRAJ

बदलाव प्रकृति का एक अहम हिस्सा है ये दुनिया

B.A-

बढ़ती हुई बदलाव में नैतिकता

तथा दुनियों में रहने वाले हर जीव जन्तु में समय अनुसार बदलाव होता रहता है। पर किसी ने ये नहीं सोचा था कि इंसान पैसो के लिए इतना बदल जायेगा। कुछ ऐसा ही बदलाव मैंने जीवन में भी अनुभव किया। जैसे कि मेरा घर सड़क के किनारे ही है तो मुझे कई बार ऐसे भी लोग मिल जाते हैं जो अपने परिवार के साथ कही जा रहें होते हैं और उनके वाहन में कोई तकनीकी खराबी हो गई हो। अगर दिन में कुछ ऐसा होता तो वह कही भी सही करा सकते थे। परन्तु रात के समय में सभी दुकानें बन्द रहती है और उनके पास कोई भी साधन नहीं रहता सडक पर चलने वाले लोग भी उनकी मदद नहीं करते हैं। मैंने कई बार ऐसे ही लोगों की मदद की और उन्हें घर जाने के लिए अपना वाहन भी दिया। पर मुझे सम्नाटा होते ही डर भी लगने लगता की कही वह मेरा वाहन न लेकर आया तो? पर ऐसा कभी नहीं हुआ। मैंने ऐसे ही एक बार एक सब्जी सप्लायर को अपनी गाड़ी रात में दे दी तब वह जब भी कभी मेरे घर की तरफ से निकलता वह मुझेसे मिलाकर जाता है। और इससे मेरा मनोबल और भी घर की तरफ से निकलता वह मुझेसे मिलाकर जाता है। और इससे मेरा मनोबल और भी अधिक बढ़ता है कि मैं किसी की मदद करता रहूँ और मैंने अपने जीवन का लक्ष्य भी यही बना लिया है कि मैं किसी भी तरह से किसी ना किसी की मदद करता रहें।



KASHISH ZIYA B.COM-I

The Mythical one day

Okay! Let's talk about it real quick. We all have a dull thought running in our minds; there will be a day that is going to be my most special day. When I'll get all the satisfactions I've been dreaming of. People think of it and end up wasting their time in the ocean of thoughts. Stop doing this to yourself! I've seen people who are worried about the future than present.



Most of the employees are working hard to secure their life after retirement, students are studying hard to attain good grades, and all the ladies are busy in saving up their luxurious jewelries to use in future. Why is this happening? What's wrong with us? Why can't we just live in present?

There is no day like today. Your present is the most important. Don't save your entities for tomorrow, no! Don't do that. Who knows if you will exist tomorrow or not (Sounds powerful no?). Nobody can guarantee your existence and also no one can suggest you your most perfect day.

So, live, laugh and grow.

B.COM -I

Exploring the intricate terrain of ethics in the modern world involving its complexity and challenges.

Ethics specify the set of principles or righteousness that navigate and affect behavior. It involves distinguishing between right and wrong, good or bad. Feminine ethics are rooted in empathy, kindness, broader thinking, and moral principles. As society evolves; integrating these values becomes essential for fostering a more compassionate and equitable world. Understanding what actions are considered morally acceptable becomes equally important.



Understanding the Feminine Ethics: kindness is a key that prioritize empathy which promotes cooperation, strength and togetherness.

Collaboration over Competition: working together brings greater success which ultimately shows group collaboration.

Fair treatment: treating everyone equally irrespective of gender and background shows principle of respect and equality.

Integrity and Authenticity: being true to one self and maintaining honesty in action and relationship are valued in feminine ethics, authenticity builds trust and promotes essence of integrity.

Embracing feminine ethics shows the spirit of cooperation, togetherness, empathy, and honesty in our daily lives. By adopting these we contribute to creating a more compassionate and harmonious world.

MOHD. SUHEL

पशुओं के बढ़ते अनादर में नैतिकता

आज के समय में इंसान इंसान की मदद नहीं करना चाहता है तो वह पशुओं की मदद कहा से करेगा ? हलाकि सभी लोग एक जैसे नहीं होते हैं। दुनिया में बहुत से ऐसे भी लोग हैं जो पशुओं के प्रति प्रेम भावना रखते हैं। मैं अपने जीवन में बहुत से लोगों से मिल चुका हूँ। एक दिन मेरी दुकान के समाने एक कार वाले ने एक कुत्ते के ऊपर कार चढ़ा दी। कुत्ते के पीछे के दोनों पैरों में बहुत चोट लग गई। जिसके कारण वो वहाँ से हिल भी नहीं पा रहा था। वहाँ कई लोग खडेउसे देख रहे थे। परंत किसी ने उसकी मदद नहीं की। फिर एक बढ़े आदमी ने आकर उस कत्ते को उठाकर किनारे बैठाया। फिर डॉक्टर को बुलाकर उसका इलाज करवाया। यह सब मैं देखा रहा था फिर मैं भी पास जाकर दादा से बोला कि मैं कुछ मदद करू। दादा जी बोले जरूर बेटा, इसको दवा पिलाने में मदद करो। फिर हम दोनों ने मिलकर उसे दवा पिलाई। फिर दादा जी बोले तुम यही रहते हो इसका ध्यान रखना। मैने बोला दादा जी जरूर । अगले दिन जब में दुकान गया तो मैंने उसे बिस्केट खिलाया। कुछ दिनों में वह बिल्कुल ठीक हो गया। और फिर मुझे दादा जी की याद आई कि अगर मैं: दादा जी से मिला ही नहीं होता तो शायद में कभी जान ही नहीं पता कि इंसानियत क्या होती है और मैं उस बेज़बान जानवर की मदद कर के बेहद खश था और आगे भी करता रहंगा।





CULTURAL EVENTS



20 OCTOBER 2023

Chairman, Mr. Mansoor Gohri, attended the inauguration of JMI incubation centre during the occasion a play focusing on awareness and a Tarana is presented by children welcomed him.



5 AUGUST 2023

On Teacher's Day, peer teaching by students was conducted, resulting in a highly successful initiative.



30 SEPTEMBER 2023

During the inauguration of the Incubation Center, a street play was presented by the cultural committee. Under the guidance of Mr.

Devasheesh Misra, the cultural advisor.



20 OCTOBER 2023

Chairman, Mr. Mansoor Gohri, attended the inauguration of JMI incubation centre during the occasion a play focusing on awareness and a Tarana is presented by children welcomed him.

SPORTS EVENTS



TAEKWONDOCAMP (6/12/2023 - 18/12/2023)

This taekwondo camp was organised by sports committee in JETGI campus from 06/12/2023 to 18/12/2023. In this camp 50 girl studentshad participated. On the last day of this camp certificates were distributed by the honourable Director sir.



CRICKET GIRLS (22/12/2023)

The cricket match was played between "red & blue team" dated on 22/12/2023 at cricket ground. Team red had scored 93 runs in 10 over and team blue scored 68 run.



FACULTY -FOOTBALL (15/08/2023)& CRICKET(12/11/2023)

The football match was played between "Director 11 & Academic 11" dated on 15/08/2023 at football ground. This match was draw.



FOOTBALL BOYS(14/10/2023)

The football match was held between "the students of pharmacy & engineering" on 14/10/2023. The students of pharmacy won the match



PICTOGRAM



MOHD SAAD B TECH -II



MOHAMMAD AHMAD KHAN B TECH -II



PRIYANSHU JAIN B TECH -I



DANIYAL B. PHARM-II



SANA B. PHARM-IV



AFROZ D. PHARM-I







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