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**2019 -2020****VISION**

To help the not-so-young students realize the writing skills within themselves and to make them encounter literature. We intend to provide the best of write-ups all the way from raw yet intellectual minds.

**MISSION**

Our mission as a student magazine is to ensure the real matter, the news, the write- ups and much more, all coming from the general interest within youngsters, who all, may, in the future, develop potential writing skills.

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Editor-in-Chief, OJAS

**Mr. Shantanu Pratap Singh**

OJAS, Student Editor



**Reflections from the desk of  
Director ITM**

I am pleased to learn about the forth coming issue of the college magazine, Ojas 2019-20. The institute has progressed at an exponential rate since its inception in 1997. Many notable achievements have been recorded since then. This college magazine will help to showcase the activities that are happening on the campus. It also helps in building up team work which is very much needed today in their era of cut-throat competition. Since proper communication plays a vital role in an institution's development, this magazine will serve to reinforce and allow increased awareness, improved interaction, and integration among all of us. The plethora of interesting and exciting opportunities available to youngsters today often leaves them with an array of things to do. It is therefore important to help them build their focus on the subject that drains them most and gives shape to their vision. With these words, I appreciate the entire team of Ojas for their sincere efforts in bringing out this edition of Ojas magazine.

A handwritten signature in blue ink, appearing to read "MeBajie".

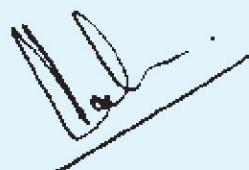
**Director  
ITM, GOI**

### **Message from the desk of Editor-in-Chief**

This year I had the honour and privilege of being the Editor-in-Chief of Ojas, the yearly magazine of the Institute of Technology and Management. I am very pleased to write a message as the editor in chief of Ojas but message is like a vessel which endows with information. Writing about ITM does not require any introduction. ITM has retained its pioneer position not only in academics but in various fields.

Putting a magazine was a challenge yet Ojas is delighted to bring out the achievements, accomplishments of various departments, literary skills of students in a compiled format, under the Umbrella of ITM .This magazine gives a platform to our students for exhibiting their literary skills. We also develop and cultivate in students, the literary taste and study habits.

I, along with my team have spent hours to make this magazine standout. I owe a heartfelt thanks to all the contributors to ojas. In this pursuit I extend my immense gratitude to the dedicated team of Ojas. Last but not the least I would like to express my heartfelt thanks to the ITM Management for their continuous guidance and motivation.



**Mrs.MeghaLahane  
Editor –in –Chief  
Ojas,ITMGOI**

## Starlink – Elon's Gift

**-Sankalp Gupta**  
CS, 1<sup>st</sup> SEM, ITM

Have you ever wondered how a live cricket match from thousands of kilometers away can be streamed in near real-time? It's primarily due to transcontinental cables stretched out on the ocean floor, to be sure. They serve as data conduits - the actual physical roads via which information flows. However, cables are regarded outdated these days, and numerous attempts have been made to discover an alternative solution. Project Starlink, the brainchild of SpaceX and Elon Musk, is arguably the most ambitious endeavour. Musk's Starlink project aims to remove physical connections entirely in favour of data streaming via a constellation of satellites.

SpaceX has been launching hundreds of satellites for months. They plan to launch around 42,000 satellites into space in the future. At the very least, these satellites will allow them to cover virtually the whole earth's surface area and offer an uninterrupted flow of data. The service is in beta, and you can buy a Starlink kit for \$99 per month, which includes a pizza-sized dish antenna, a tripod, and a Wi-Fi router. That is all that is required to gain access to Space Internet.

Meanwhile, Musk wants a piece of the trillion-dollar global telecommunications industry, and if all goes as planned, SpaceX could earn \$30-\$50 billion per year just from delivering internet services. They are not only looking at developed markets. A SpaceX vice president responded to a TRAI comment document last year it has suggested that India establish a framework for regulating and permitting satellite broadband technology in the nation. In reality, this was one of Starlink's most significant promises. The capacity to provide continuous internet connection in the world's most distant locations, where connectivity is always spotty at best. Will it be a cost-effective option? We have no idea. However, there are numerous areas where cables cannot be used. Satellites, on the other hand, are not bound by such constraints.

However, this does not mean that Starlink does not have any possible drawbacks. The satellites themselves are now the most significant bottleneck. Consider how these floating objects impact astronomers who observe the dark sky. Furthermore, this issue is not going away anytime soon. SpaceX is one of the first companies to enter a new market. However, many others will soon follow. OneWeb, Telesat, and Amazon's Project Kuiper are all options. The Chinese are also planning to launch thousands of satellites at once. So we have an uncontrolled "space," some ambitious billionaires and a generational technology leap that may introduce new issues.

# Importance of Education

**Arjit Sharma**

ME, 4th SEM, ITM

Education is a powerful weapon that aids an individual to face the adversities of life and overcome societal stigmas such as poverty, fear, status to achieve success. Education is the hope of development and success for most third-world countries and the world's dominion countries. Mandatory education builds the scope of better growth and development.

Education has the potential to revolutionize the course of a nation – with skilled and educated youths. A nation comprises a higher rate to achieve its targeted economic growth and sit among the league known as the developed nation. A well-educated nation discards any obstacles that hinder its growth and strives hard to attain sustainable development.

Education in India refers to the process of learning, training, and teaching human capital in schools and universities. The Indian government reflects specific economic policies that emphasize the importance of education in India. The substantial effect of illiteracy is 'unemployment.' Unemployment hinders the progress of a nation-leading to low standards of living and an increased crime rate.

India is stuck in a critical situation where almost 58 percent of unemployed graduates and 77 percent of the families are void of regular income. About 67 percent receive an annual income of less than 1.2 Lakh per annum. In this circumstance, India cannot risk leaving any child illiterate, as it would push him towards a life of Unemployment and misery.

As India is one of the fastest-growing economies in 2020, poverty is on the decline in the country and is one of the greatest evils of illiteracy. Till the year 2012, India earned the appellation of homing the most significant number of poor in the world. In India, nearly 70.6 Million people still live in abject poverty, and the way to discard the vicious cycle of poverty is through Education. Higher rates of literacy result in high access to employability, which in turn provides better living conditions.

Education is an integral tool that helps a nation to achieve economic growth and stability. India homes twenty million youths that graduate annually from various disciplines and set out to aid in the economic development of the nation.

Educating youth and adults reveals the hidden potential, which could lead India to the path of development. The most crucial objective of any developing country is to make its teens and youth well-educated and skilled to contribute to economic growth constructively. Education is the most potent weapon that fights against all prevailing social evils and is imperative for any nation to achieve the success of the development. Today, India is known as the world's fastest-growing economy, which is about to surpass China to achieve sustainable development by 2030 with the rest of the world. A feat only possible through education and literacy.

# Sigiriya

-Karan Gaur

CE, 3<sup>rd</sup> SEM, ITM

"Stairs are the pathway to move from one level to another vertically". Constructed almost 2500 BC ago they are very essential for any kind of building; but what if I tell you that a structure present in Sri Lanka have a complete city on the top of a rock discovered by Jonathan Forbes in 1831 and has no stairs or any kind of pathway to move from ground to the top and stands 660ft tall!



Yes it's not easy to digest this but the truth can't be hidden. And this structure proves that modern day historians are estimating history wrongly! Sigiriya (aka Ravana's palace) is a giant rock which confirms that a civilization more advanced than us existed on this beautiful land. As there are no marks on the rock, it confirms that hammer and chisel were not the first tools used by beings for construction! The rock consists of horizontal grooves which express that more advanced tools which could easily cut rocks like ice cream existed! What's more shocking is that when there are no stairs how can there be structures built over the flat topped rock?

If there are no marbles in almost 100 kms of range how can there be marble slabs present on Sigiriya? It consists of almost 3 million bricks which were used in construction of large structures on the flat top. And if we think these materials were transported. Then how? Without any vertical pathway to the top?

Modern day historians believe that this structure was constructed almost 1500 years ago but by carbon dating of paintings on the rock walls we get to know that it was constructed much before than this.

SIGIRIYA have large tanks for water storage with a proper drainage system which helps the tank to never overflow and never get dry! The tank is one of its kind as it is constructed by removing 3500 tons of granite. Can we use only chisels and hammers to remove almost one of the strongest rocks on earth? Answer is a clear NO!



Not only in construction is the palace equipped with military expertise!

Here in the image you may see how cleverly these rocks are balanced vertically on a slope with a 1000 ton rock on the top. This is not natural at all from any perspective! One small movement of these rocks can shut this complete road and all the enemies travelling through this will be crushed under it!

Sigiriya or The Ravana's palace or lion's rock has been declared as a UNESCO World Heritage site due to its immense architecture, mysterious city present on the flat topped rock and militarily expertises. But all these mysteries will remain as a puzzle until and unless we admit that we are not the most developed beings, and all the so called "mythological characters" were in real!.



## Digital India

-Prankul Goyal  
CE, 3<sup>rd</sup> SEM, ITM

Those days are gone, when people had to stand in long queues and wait for months to get a single work done. No wonder, that technology today has made the life of people convenient. But a country like India could not have imagined a future like today a few years back. Six years back in time, the scenario was quite different as it is today.

Today, a major portion of the Indian population uses the Internet. People belonging to even the remotest villages now possess facilities that connect them to the outer world. The movement of Digital India began on July 1st 2015, led by the current prime minister of India, Honorable shri Narendra Modi. Digital India is a program under the Government of India, started in 2015. It is an umbrella program which covers various aspects of the Digital advancement of the country. He launched Digital India with a vision to provide easy access to internet services for all the citizens of India. He wanted the people residing in the small villages, to be a major part of this campaign and the one to benefit the most out of it.

The key vision of this government campaign is broadly divided into three heads:

1. E-Governance for all citizens of India
2. Digitally Empowering citizens
3. Providing a digital Infrastructure for all

The movement of Digital India was made possible with the help of top Industrialists and commerce companies in India like Wipro, Tata Industries, and Reliance Industries.

Digital India campaign includes various programs like Andriod mobile application work as an education and recruitment portal and also offers different kinds of services like online ticket booking and tax payment. Another sector very much benefitted by this movement is the Banking sector. With the

launch of indigenous debit cards such as RUPAY and by UPI ID's, the use of banking services has elevated. According to a report by Nascom and Akamai, Indian internet users were likely to hit 730 MILLION by 2020 which is more than double the users that were five years before.



# The Special Forces of India

-Priyanshu Birthare

CE, 3<sup>rd</sup> SEM, ITM

India has several Special Forces (SF) units. The three branches of the Indian Armed Forces have separate Special Forces units, viz. the Para SF of the Indian Army, the MARCOS of the Indian Navy and the Garud Commando Force of the Indian Air Force. There are other special forces which are not controlled by the military but operate under civilian organizations such as Home ministry's National Security Guard. Small groups from the military SF units are deputed in the Armed Forces Special Operations Division, which has a unified command and control structure.

#### • Para (Special Forces)

The Parachute Regiment (Special Forces), or Para (SF), are the special forces of the Indian Army.

This unit was created in June 1966 in the aftermath of the 1965 Indo-Pakistani war, which took part in the 1965 war formed the first nucleus of the permanent Para commando battalion which was to be raised under the Parachute Regiment. By 1969, the unit had grown into 2 battalions, viz. the 9 Para and the 10 Para. The unit's first combat missions were conducted during the 1971 Indo-Pakistani war in which they undertook raids against Pakistan's military. In 1988, the 3 Para (SF) and 6 Para participated in the first known foreign intervention by the Indian Army during Operation Cactus in Maldives. Operation Cactus was launched to thwart a coup against the government of President Maumoon Abdul Gayoom. In the late 1980s, the Para (SF) were deployed in Sri Lanka where they conducted helicopter-borne assaults and security operations.

#### • Marcos Force (Indian Navy)

This force also known as DADI VALA FOZ and very deadliest force. First conceived in 1985, the Marine Commando Force, also called MARCOS, was raised in February 1987. It is the Special Forces unit of the Indian Navy, Initially, the U.S. Navy SEALs and British Special Forces trained a few officers of the Indian navy who formed the first core of MARCOS. MARCOS had participated in efforts against the 2008 Mumbai attacks alongside the National Security Guards but their effectiveness was diluted due to bureaucratic indecision. MARCOS have also been deployed in anti-piracy operations. About training of MARCOS is very deadliest training the selection percentage ratio. After a 10 week long basic training, MARCOS are sent to train alongside Indian Army's Para commandos for 3 weeks. Advanced training follows, during which MARCOS learn skills such as sky-diving, weapons training, counter-insurgency, languages and warfare in different terrains, among other things. Each MARCOS squad, called Prahar, is composed of 8 soldiers.

#### • Garud Commando Force (Indian Air Force)

The Garud commandos are the special forces of the Indian Air Force (IAF). Their tasks include counter-terrorism, hostage rescue, providing security to IAF's vulnerably located assets and various air force-specific special operations. First conceived in 2002, this unit was officially established on February 6, 2004.

All Garuds are volunteers who are imparted a 52-week basic training, which includes a three-month probation followed by special operations training, basic airborne training and other warfare and survival skills. The last phase

of basic training sees Garuds being deployed to get combat experience. Advanced training follows, which includes specialized weapons training. The mandated tasks of the Garuds include direct action, special reconnaissance, rescuing downed pilots in hostile territory, establishing airbases in hostile territory and providing air-traffic control to these airbases. The Garuds also undertake suppression of enemy air defenses and the destruction of other enemy assets such as radars, evaluation of the outcomes of Indian air strikes and use laser designators to guide Indian air strikes.

#### • Special Group (Research and Analysis Wing)

The Special Group is a confidential Special Forces unit of the Research and Analysis Wing. It was formed in 1981. The responsibilities of the Special Group includes clandestine intelligence operations and covert operations, with which the Government of India may not wish to be overtly associated.

#### • Special Frontier Force (Research and Analysis Wing)

The Special Frontier Force is a confidential Special Forces unit of the Research and Analysis Wing which was created on 14 November 1962 to undertake operations against the Chinese People's Liberation Army. The force was put under the direct supervision of the Intelligence Bureau, and later, the Research and Analysis Wing, India's external intelligence agency. It consists primarily of Tibetan people who are tasked to undertake operations in the tough terrain of the Himalayas and Tibet, whose main goal was to conduct covert operations behind Chinese lines in case of another war between the People's Republic of China and India.

#### • National Security Guard (NSG)

The National Security Guard, which is a specialized counter-terrorism Federal Contingency Force. The NSG was formally created in 1986. It is modeled on the basis of the British Special Air Service and the German GSG 9. The NSG are popularly referred to as the 'Black Cats' due to their distinct black uniforms. In the recent web series called Test Case and Surgical Strike. In April 2017, a web series titled The Test Case was released featuring the fictional story of the first woman training to serve in a combat role within the Indian special force. Uri: The Surgical Strike (2019) is a dramatized account of the tactical strike reportedly conducted by the Para (Special Forces) on the camps of terrorists across the Line of Control in retaliation for the 2016 Uri attack.



## **Artificial whitening should be banned**

**-Arsh Khan, CE, 3<sup>rd</sup> SEM, ITM**

When I was a kid, my mother used whitening products for me, that would make my skin fair and glowing maybe that is the reason Yamini Gautam is famous nowadays. Having fair skin, you have a lucky charm, having dull skin you need a chemical product to put in your skin, that is the story of the ad, don't you think, we have to beat the writer of that ad? In India people have money and are dull colours, they went for surgery for their colour.

Artificial whitening should be banned and their advertisement too as they build only to increase racism in the country. The customer likes to use them because the fair and glow was pretty good. I read one of the best poem of Maya Angelou 'I know why the cage bird sing' she beautifully signify that the white people are able to live in nature as it please whereas black people the caged birds who fight for their freedom, the poem theme was to highlight the 'African American Experience'. Being a student, I also live in the surrounding area where we study that beautiful are fair people and ugly are black people. When I was in nursery school, there was an English book which stated the meaning of ugly and beautiful. I remember very well that in the picture of beautiful there was a fair princess and in the picture of ugly there was a picture of black women.

When a girl about to getting married or she cannot find a boy, there come the relatives, who suggest you different household beauty products and the chemical beauty products, why don't they never suggest that 'you are enough for someone to like you', why people never teach that, you can also love the people who have a dark skin, ugly word does not matter for human because all the humans are beautiful, having black skin is also a great merit as the pigment helps you to absorb ultraviolet rays. Differentiate people in black and white; first we have to change being judgemental.

Fair skin ad and the products should be banned because, they make people to realized that you can never do anything if you have dull skin so, please use our products for being able to do best, how can someone do hard work with their fake whitening, these people who encourage fair beauty products are the shit that is the reason, whitening products should be banned in every country, make people realised to proud for their colour not make them depressed due to their colour.

## **Back to Study: Re-Opening of Education Institutions**

**-Vinayak Sharma, CE, 4<sup>th</sup> SEM, ITM**

Before this pandemic situation, both teachers and students wanted to upgrade the way of delivering and receiving knowledge pattern to online study. But, in this tough COVID situation they all understood the importance of classroom study. In online study there is no proper understanding between a teacher and a student due to lack of presence and laziness by students. But now the institutions are re-opening, this news has created a positive impact on both, because in offline study both will do their best. And in physical presence a teacher is able to understand what his student want from him by their facial expressions and eye contact.

At present situation, in offline study, there are also some problems that will be faced by institutions, the students do not want to lose their comfort zone, those who are ready for offline study do not want alternative classes. Because in that condition a student will do his best in offline class but cannot focus properly in online class, this will create a disturbance in study pattern.

The positive point is that the institutions are doing their best to provide quality of education and creating mental peace for the students by various activities. Now, it is the time of students to Cover-up all the loss of this pandemic time and come out from their comfort zone to avail full benefit of this opportunity.



## Events at ITM GOI

**July 13, 2019**

Proud moment:  
Congratulations team  
ITM GOI on securing  
First Runner Up position in  
Smart India Hackathon 2019  
Hardware Chapter



**August 05, 2019**

Activity Organized by  
NSS ITM GOI Gwalior



**August 15, 2019**

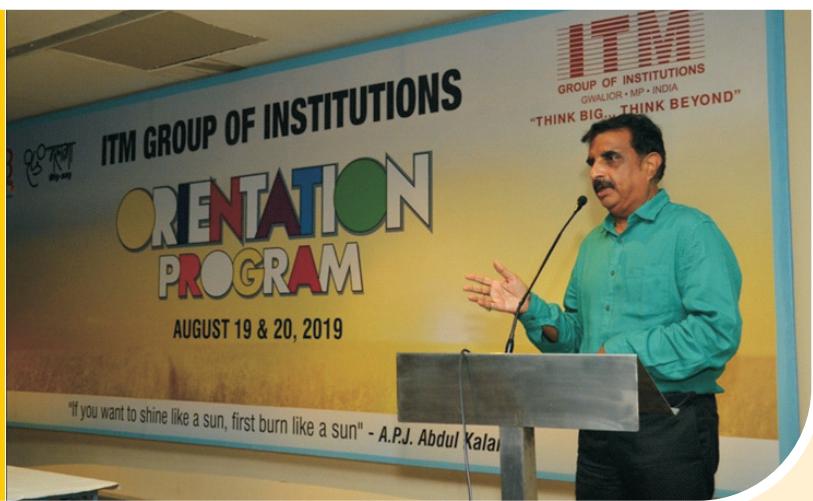
**Independence Day Celebrations at ITM Group of Institutions.**

The 73<sup>rd</sup> Independence Day Celebrations featured students and faculty members in a unique amalgamation of Tradition, Culture, and Patriotism. From Flag hoisting by the Top performers of the Institute to a band performance by the mentors, NAAD Amphitheatre of ITM Group of Institutions was shining with the 3 colors of our flag. Group Songs, Group Dances, Marathi song, Band performance, and a patriotic Skit together gave an extra-ordinary ode to our Nation. This post presents some highlights of the day.



**August 31, 2019**

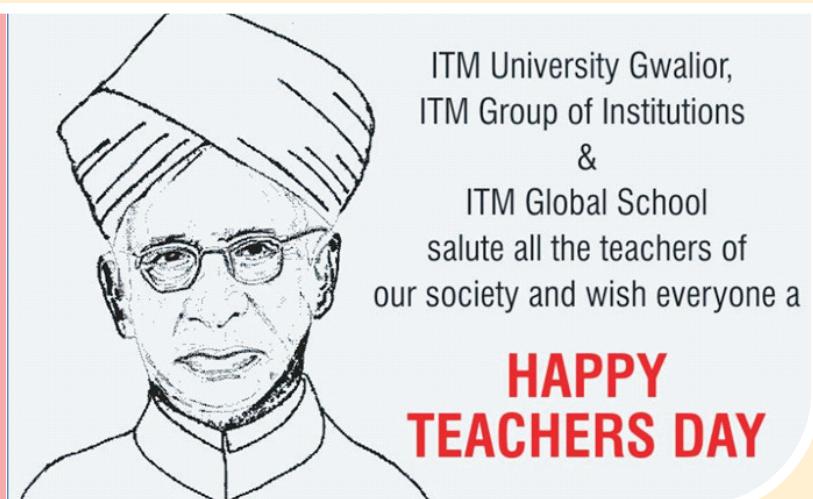
The institution organized an orientation program for the new entrants of B. Tech, MBA, M. Tech and diploma students. The major objective of the program was to make students aware of the academic aspect of the course, the rules and regulation of the institute and code of conduct. In the inception of the program Dr. Meenakshi Mazumdar welcomed the newly admitted students. The vice chancellor of ITM University Prof. Kamal Kant Dwivedi also motivated students to be professional engineers as though a large number of engineers are produced in India every year but a lesser number of engineers turn into professionals. The Managing Director Dr. Daulat Singh Chauhan also motivated the students and said that to lead a good professional life, it is must to be a good human being.

**September 03, 2019**

Students of ITM-University and ITM Group of Institutions, Gwalior have created an idol of Lord Ganesha which has been installed in ITM Group of Institutions, Sithouli campus. The exceptional feature of this idol is that, it is purely made from the sand collected from ITM campuses. Students have worked really hard which is reflected by the fine craftsmanship which in turn reflects the talent of our students. ITM University wishes everyone a happy and prosperous Ganesh Chaturthi.

**September 05, 2019**

The spirit of celebrating teacher's day lies in our collective efforts to bring out the best from our society. Being the building block of a person's career, teachers have played an invaluable role since the beginning of humanity. On this Teachers day, ITM University, ITM Group of Institutions, ITM Global School Gwalior salutes that spirit which has kept the tradition of students and teachers alive in our hearts for generations.



# September 25, 2019

## News coverage of Introduction Party - Rubaru at ITM GOI, Gwalior

एजुकेशन प्लस

**चांद-तारे थीम हुई पर पार्टी में स्टूडेंट्स का धमाल**

ग्वालियर। नईदनियारिपोर्टर

स्टेज पर जहां डासिंग स्टाइल के नए अंदाज दिखाए जा रहे थे तो वर्डी मैटेलर गेम में भ्रांत लेने वाले प्रतिक्रियाओं को देखकर आँडिङ्गर्स अपनी हासी रोका पा रही थी। स्टेज से लेकर बैंकूट कक्ष की मजाकट ऐसी, मानो कि चांद, सितरे बादलों के बीच बैठे हों। उन रोकन कशायाएँ थीं आँडिङ्गर्स एप्रैल स्ट्रैटोटेक्नोलॉजीज में प्रवेश लेने वाले स्ट्रॉडेंट्स के स्वागत के लिए आयोजित इडुक्शन पार्टी रुकव 2019 का। इसका आयोजन आर्क्टिकएम और आई स्प्रिंगलॉक पर्सनल में किया गया जिसकी थीम ‘चांद और चांदनी’ रखी गई। इसमें स्ट्रॉडेंट्स को शानदार मोरोजरक प्रस्तुतियों के बीच फस्ट रन के स्ट्रॉडेंट्स का स्वागत किया गया। इसमें चांदर एंड



मुप ने मर्टी को रियोग्राफी कर शानदार डॉस परफर्मेंस दी। उन्होंने नाचेंगे सारी रात सोनियो बे, त्वें चलियो मोरनी बनके जैसे कई गानों पर परफर्मेंस किया इसके बाद वासी थीं कोरस सिर्गिंग की, जिसमें ब्लैक एंड ड्राइट डेस पहने 12

स्टूडेंट्स ने एक साथ कई खुबसूरत गीतों को अपनी आवाज़ में। उन्होंने ये माल भोज के धारे, मान मैत्र मान, विद्या की, तुझे कुछ तो राखा जैसे कई गाने पेश किए। नच बलिए प्रश्न ने विलाविदु जांजी रम्पांज पर धिक्कार समी की उत्तराव बत्राय। उन्होंने हालांकि मिथिधे विच न रख कुछइ, हाय नी तेरा कोका जैसेटीप्रदेविंग पंजाबी साम्पर पर नानदार परफर्फेमिंग दी। आधिकार में पोस्ट इंजेक्शन से मिस्र प्रेशर का खिंताव श्रुद्धा, मिस्टर प्रेज़ेर की, कहीं अंडर यूनियन से वैष्णवी गुदा की मिस्र और प्याप्टन को मिस्टर प्रेशर का खिंताव दिया गया। इस मौके पर आईटीएम के बाइस चॉस्मर डॉ. केंके द्विवेदी, आईटीएम जो ओआई की डायरेक्टर डॉ. मीनांकी मरुप्रभार, डॉन स्टूडे लेलेपरम्पर डॉ. मरोजी मिश्रा आपसमें थे।



आइटीएम में इंट्रोडक्शन पार्टी

‘चांद’ थीम पर रूबरू  
हुए कैंपस के नए सितारे

Wednesday, 25 September 2019  
epaper.patrika.com/c/44000114

**प्रायोगिक** • दैर्घ्य पर लाली इसी स्टोरेज के प्रयोग विवरण यह है कि वही तरफ वास्तव में यह एक विशेषज्ञीकरण के देखाकर अधिकारीय अन्वेषण ही नहीं होता कि क्या ही है। यह बजार के लिए एक उत्तम स्टोरेज है जिसके लिए यहाँ बायोटेक्नोलॉजीज के स्थान पर विभिन्न उत्पादन यांत्रिक कार्बन-2019' का इसकी ओर 'वाद और वापरी' तरफ़। इसके स्टोरेज की तरफ़ वास्तव मार्गदर्शक प्रयोगशीलता

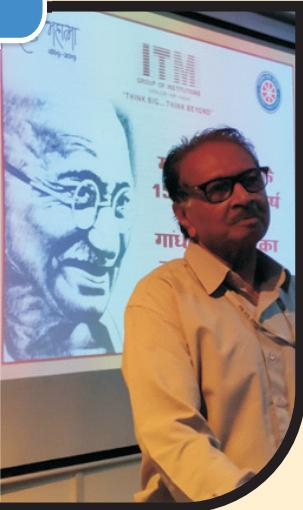
वीच का एक हिंदू देवता स्टूटेंट्स का सहायता करता रहा। कार्यक्रम विश्व विद्यालय पारम्परिक परिषिक्त पानीबत्ते स्टूटेंट्स ने गलती से बदल में आयी थी। इसके बाद वोकर एंड ड्रूप ने माली कोलीपोलाली कर जलनदार दाम

बॉलीवुड सॉन्ग्स पर धिरके यांगस्टर्स

इसके बाद वारी की हिस्ट्री नाम से ली, इसने पर्यावरणीयों को ठड़ कर एवं सिर अपने ऊपर फैलाकर आजीं दुखा देते पर, अब इसे कोहिं शराबक उसे पकड़कर नदी वाये छोड़ते थे। और मौल-गोत्त घुसना था। वारी का बाज अब लोकों द्वारा भी तासम रखती टैक्टैक को जाकर घुसना था। लेकिन यही ऐसे कुछ हुए और दे गोल-गोत्त प्रयोगे थे।

October 03, 2019

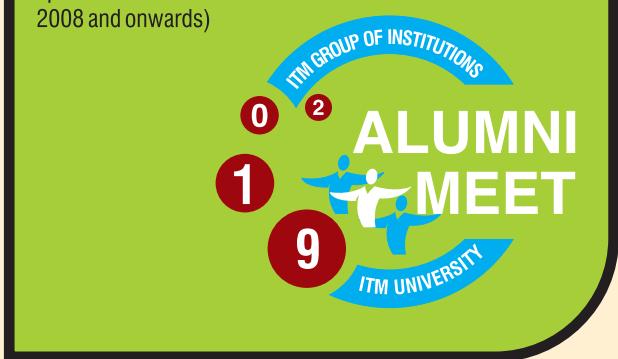
Group reading of Gandhi Sahitya by faculty, staff and students in the institution to commemorate the 150th birth anniversary year of Mahatma Gandhi.



October 14, 2019

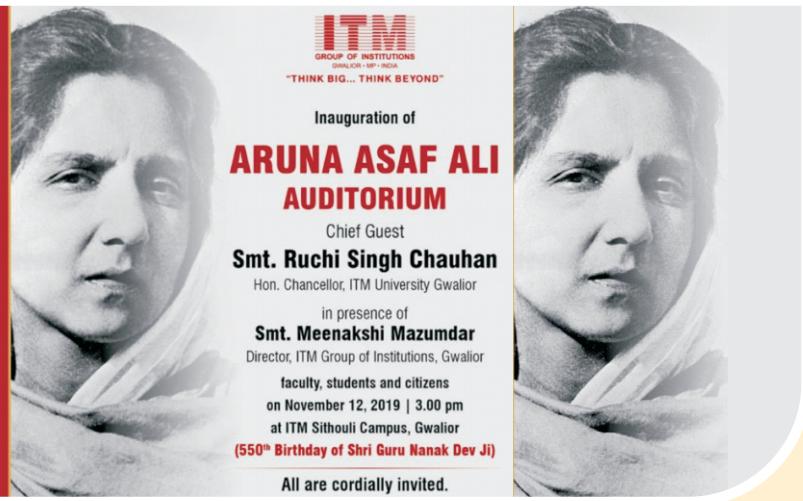
## **ALUMNI MEET- 2019**

(All alumni are invited with  
special focus on alumni of  
2008 and onwards)



### November 11, 2019

Inauguration of Aruna Asaf Ali Auditorium  
 Chief Guest  
 Smt. Ruchi Singh Chauhan  
 Hon. Chancellor, ITM University Gwalior  
 In presence of Smt. Meenakshi Mazumdar  
 Director, ITM Group of Institutions, Gwalior



**ITM**  
GROUP OF INSTITUTIONS  
GWAHLIOR - MP - INDIA  
"THINK BIG... THINK BEYOND"

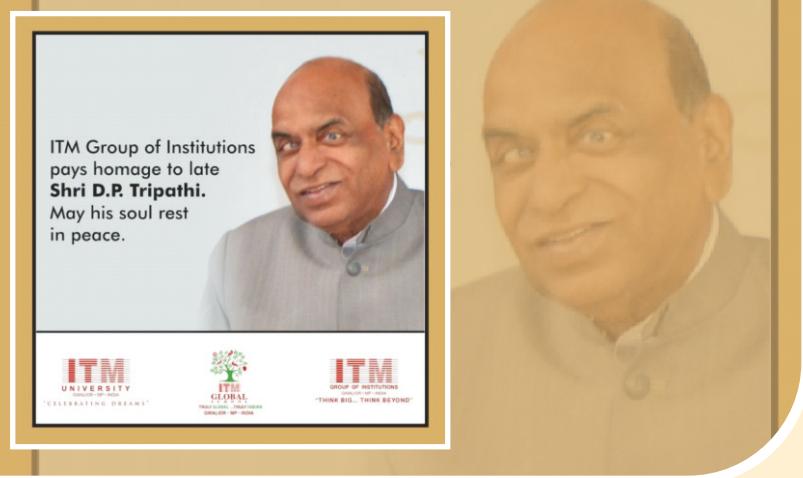
Inauguration of  
**ARUNA ASAFA ALI  
AUDITORIUM**

Chief Guest  
**Smt. Ruchi Singh Chauhan**  
 Hon. Chancellor, ITM University Gwalior  
 in presence of  
**Smt. Meenakshi Mazumdar**  
 Director, ITM Group of Institutions, Gwalior  
 faculty, students and citizens  
 on November 12, 2019 | 3.00 pm  
 at ITM Sithouli Campus, Gwalior  
 (550<sup>th</sup> Birthday of Shri Guru Nanak Dev Ji)

All are cordially invited.

### January 01, 2020

"ITM Group of Institutions, expresses our heartfelt condolence on the sudden demise of Prof. D.P. Tripathi, on January 2, 2020. His invaluable contribution as Professor (Emeritus) of our university to advance knowledge will always be remembered." We at Group of Institutions deeply mourn his passing away and pray to the Almighty that his soul may rest in peace. On his sad demise, ITM Group of Institutions offer deepest condolences to his family members. May his soul rest in peace.

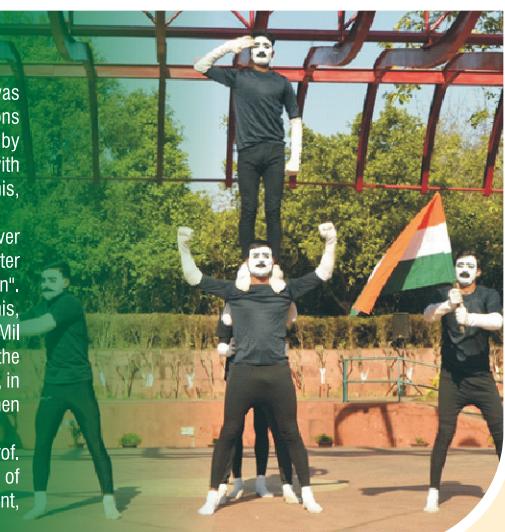


ITM Group of Institutions  
 pays homage to late  
**Shri D.P. Tripathi.**  
 May his soul rest  
 in peace.

**ITM**  
UNIVERSITY  
"CELEBRATING DREAMS"  
**ITM**  
GLOBAL  
TECHNOLOGY & MANAGEMENT  
COLLEGE  
GWAHLIOR - MP - INDIA  
"THINK BIG... THINK BEYOND"

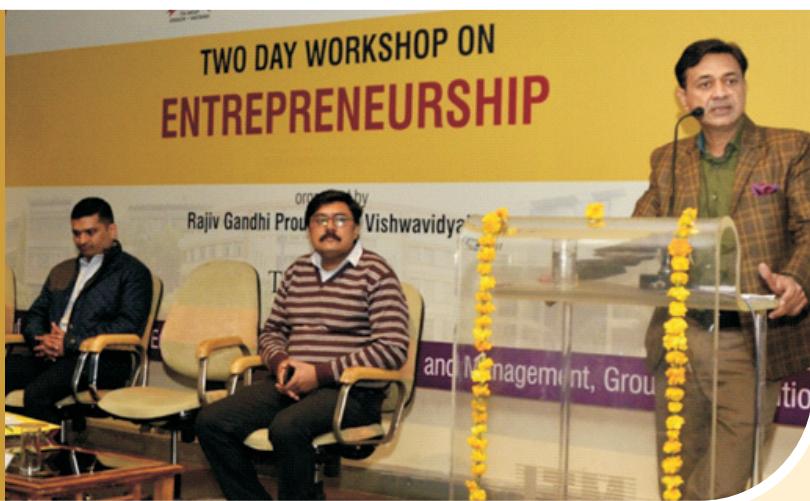
### January 26, 2020

ITM celebrated Republic Day, hoisted the tricolor at NAAD Amphitheater, honoring 30 Achievers! The Republic Day program of ITM University, ITM Group of Institutions and ITM Global School was concluded in NAAD Amphitheatre on 26th January 2020. Students of all the 3 institutes gave presentations on the occasion. The program was first started with March Past, in which March Past was conducted by Achiever Students of NCC, NSS and ITM. This was followed by the recitation of our National Anthem with NCC Cadets. Cadets from NCC and NSS saluted the tricolor. This was followed by cultural programs. In this, the students gave colorful cultural programs based on Patriotism. Parvi Dhingra, a student of ITM Global School, shared her thoughts on Uncle Gandhi. After this, 30 Achiever Students of ITM Group were awarded with certificates on achieving special mastery in their fields. After this, University student Anandita gave Bharatanatyam's solo performance on "Vatan Vatan Mere Vatan". This was followed by a cultural performance by ITM Group of Institutions students and faculty. After this, the students of ITM Group of Institutions gave a brilliant dance performance on the song "Teri Mitti Mein Mil Jaun". Then a glimpse of Bapu's life was also given as a tribute to the father of our nation. In this, the students performed small plays in a very beautiful way. Finally, the teacher's performance was also put, in which the teachers gave a sweet voice to the "Vaishnav Janto" and "Hum Hindustani" songs. Everyone then participated enthusiastically in Gandhi quiz and musical chair race. On this occasion, Pro Chancellor of ITM University, Dr. Daulat Singh Chauhan, Vice Chancellor Prof. Kamalakant Dwivedi, Registrar Dr. Omvir Singh, DSW Dr. Shashi kant Gupta, Director of ITM Group of Institutions, Dr. Meenakshi Majumdar, Principal of ITM Global School, PF Karkaria, Head of Department, Dean, Professors and Students of various departments were also present.



## February 07, 2020

ITM Group of Institutions has organized a two day workshop on Entrepreneurship with the collaboration of RGPV Bhopal.



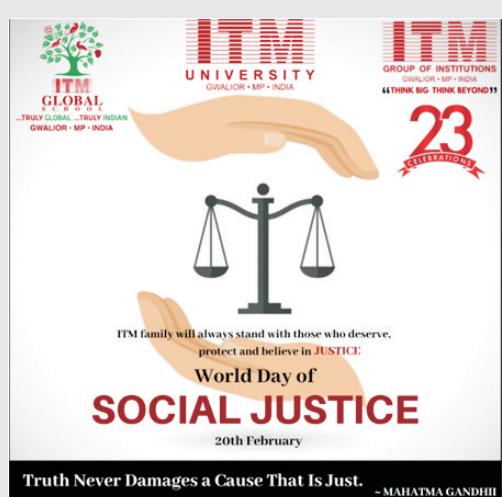
## February 02, 2020

Women Empowerment Cell of ITM Group of Institutions has celebrated "Happy Periods Day" in the gracious presence of renowned gynecologist Dr. Swati Agarwal and the team of PAD Women Foundation. Experts shared significant information related to mensuration, infections and also answered the queries of the students.



## February 20, 2020

ITM Group of Institutions, Gwalior wishes everyone World Day of Social Justice.



## February 21, 2020

ITM Group of Institutions, Gwalior wishes everyone an International Mother Language Day.



"If you talk to a man in a language he understands, that goes to his head. If you talk to him in his language, that goes to his heart."

~ Nelson Mandela

**International MOTHER LANGUAGE DAY**  
21 February

## March 06, 2020

Ustad Ahsan Hussain Khan and Ustad Adil Hussain Khan will be performing live in Naad Amphitheatre at ITM University Gwalior Sithouli Campus on 7th March 2020.



## March 03, 2020

Kasturba's 150th birth anniversary celebrated at ITM Group of Institutions! ADGP Smt. Anuradha Shankar Singh was discussing some facts and truths related 'Kasturba Gandhi'. She was present as the keynote speaker at the 150th birth anniversary celebrations of Kasturba Gandhi at ITM Group of Institutions. She told that Kasturba was 6 months older than her husband Mahatma Gandhi. They got engaged at the age of seven and they were married when they were 13 years old and Gandhiji was 12.5 years old. They both came together in childhood as well as the teenage years. Both were stubborn and had different religious social beliefs in the beginning but many of life's conflicts and controversies converted them both to each other. After this, the students asked her many questions on the topics of Gandhiji's use of truth, Kasturba and Gandhiji's relationship, and her relationship with her family, etc. To which Anuradha Shankar Ji responded by referring to several anecdotes. On this occasion, HOD, School of Journalism and mass communication Shri Jayant Singh Tomar also discussed about the book written by great litterateur Girraj Kishore. The event was specially attended by Chancellor Ruchi Singh Chauhan, ITM GOI Director Meenakshi Majumdar, and Dean Academics S.S. Chauhan with Women Empowerment Cell's Coordinator Megha Lahane.



**March 12, 2020**

'Courage was broken when we saw our family members crying'

A special program, dedicated to the struggle of acid-affected women was organized at ITM Group of Institutions. Rupa and Dolly Singh, who suffered from acid attacks, were narrating the days of their suffering and struggle. They discussed with the students about Shiroj Group Lucknow and their struggle for the acid-affected women. Rupa told that 'in 2008, when she was 8 years old, her step mother had an acid attack on her because she thought that Rupa would be entitled to all the properties after growing up. She had an acid attack while sleeping, around two in the morning. Following which she had 15 operations. There used to be a feeling that lack may be in us, but gradually the confidence was awakened that the lack was not in us but with who did this to us,' she said. We have set-up centers of the Shiroj Group across the country. Through this, we help such girls who have gone through this accident so that the girls suffering from acid attack do not have trouble in their struggle. Chancellor Ms. Ruchi Singh Chauhan, Pro Chancellor Dr. Daulat Singh Chauhan, Coordinator of Woman Empowerment Cell; Ms. Megha Lahane, DSW Dr. Manoj Mishra and HOD, Journalism and Mass Communication Mr. Jayant Tomar were especially present on the occasion.

श्रीराज गांधी की 150वीं जयंती

व्यक्तित्व एवं योगदान पर चर्चा

कर सिंह (भाषुसे) संबंधी श्री जयंत सिंह तोमर

प्रिफिट म्लियों के संघर्ष

श्रीराज समूह, लखनऊ

मार्च, 2020

१५० जयंता  
१८५९-२०१९

**March 17, 2020**

The seven-day camp of the National Service Scheme of ITM Group of Institutions concluded at Vivekananda Needham.

"Youth should strive in the right direction to succeed in life. The youth have a major role in promoting campaigns for female education and women's safety in society and preventing foeticide. Also, women can be made self-sufficient by bringing awareness in the field of education. Apart from this, maximum efforts need to be made to give daughters equal rights in the society."

This is what, Upasana Sharma, National awardee in honor of Late Smt Indira Gandhi, was discussing with the students during the seven-day camp of National Service Scheme at ITM Group of Institutions. 'By giving information about the work done by you, you are also giving detailed information about the work being done for women awareness,' she said. This camp was held at the Vivekananda Needam recently. Intellectual sessions were also organized with various activities in the camp. Social workers, educationists, administrative officers and other intellectuals increased the knowledge of students on many subjects. Dr. Ravikant Adalatwale, the convener of the Chief Guest National Service Scheme Jiwaji University Zone, told all the campers that human life is the most precious thing in the world. He told how you can take your life to this higher level dimension through National Service Scheme. The spirit of social service develops among the youth through the National Service Scheme.

During this, District In-charge, Dr. Manoj Awasthi, Police Station Incharge Ramnaresh Yadav, Manseh Music University's Program Officer Manish Karwade etc. were present. They shared their experiences with all the volunteers. The camp was held under the chairmanship of Narendra Kumar Verma, Program Officer of National Service Scheme at ITM GOI. CP Bhargava, Brijendra Rajak and Shushant Jain were also present as camp assistants.

**April 02, 2020**

A handy UV disinfectant by Dr. Deepesh of ITM Group of Institutions, Gwalior!

The spread of corona disease in the country has now taken the form of an epidemic. Realizing its danger, people are now trying their best to take precautions. Especially to avoid viruses or other diseases, the importance of sterilizing or disinfecting the things used at home has increased greatly. Realizing its importance, Assistant Prof. Dr. Dipesh Bhardwaj of the Chemistry Department of the ITM Group of Institutions has prepared a special home-made handy UV disinfectant at a low cost.



**April 12, 2020**

ITM contributed Rs 11 lakh to the Chief Minister's Relief Fund!

Due to COVID-19, an epidemic disaster has also occurred in our country. In view of this crisis, an amount of Rs.11 (eleven) lakhs has been contributed by the management of ITM University, ITM Group of Institutions and ITM Global School operated under ITM Group. This amount has been provided to the Chief Minister's Relief Fund for the support of health services and victims of this pandemic. Also, no deduction has been made from the salary of the staff of the University.

Earlier, 10 lakh rupees were also provided by ITM Group to Chief Minister Relief Fund for flood victims in Kerala. During the Pulwama attack, an amount of 10 lakh was also given to the DGP CRPF for the support of the families of martyrs. Even during the Kedarnath tragedy, Ten Lakh rupees were provided by the group to the Chief Minister's Relief Fund. Apart from this, ITM Group has been supporting the government from time to time during national disasters.

**April 14, 2020**

ITM contributes 5.65 lakh rupees to the Prime Minister Cares fund!

In view of the Covid-19 epidemic prevailing in the country, the government needs to provide maximum financial support to the citizens. In such a situation, the ITM Group, realizing its social and moral responsibility, has decided to provide maximum support. One day's salary of the academic and administrative staff of ITM University and ITM Group of Institutions (other than class IV employees) has been transferred to the Prime Minister's Relief Fund as an amount of Rs 5 lakh 65 thousand. A few days earlier, Rs 11 lakh was provided to the Chief Minister Relief Fund for the support of health services and victims. It was contributed by the management of ITM University, ITM Group of Institutions and ITM Global School operating under ITM Group. For this, no deduction was made from the salary of the staff.

**April 24, 2020**

Alumni-Student Mentoring Program at ITM Group of Institutions, Gwalior for B.Tech. Final year students!

The Alumni Mentoring Program facilitates meaningful connections between experienced alumni and current ITM students across a wide variety of industries and fields of study. The program provides the mentor and mentee the flexibility to decide mutually on both the timing and the content of meetings.

Specific program goals:

- 1 Equip the mentee with skills and tools needed to make sound career decisions;
- 2 Assist the mentee with establishing and accomplishing short and long-term goals, both personal and professional;
- 3 Improve the mentee's leadership, teamwork, creative thinking, decision making, and interpersonal skills;
- 4 Explore and discuss with the mentee different career paths, companies and industries;
- 5 Facilitate community building, character development and career advancement for both mentors and mentees.



**April 29, 2020**

Treat CORONA with Yoga!

Rani Chaturvedi Alea is an electronics and Communication engineer from 2006 batch of ITM. She is also a 200 Hrs USA Certified Yoga instructor who is following her passion and teaching 'YOGA' to the people. She has advised several pranayam's or asana's through her social media channel for people who are at risk of being exposed to CORONA. The first is Shankhaad or Conch Shell Sound Effects which is a great exercise for Urinary Tract, Bladder, lower abdomen, diaphragm, and chest and neck muscles.

## Quarantine Yoga Sessions

**April 30, 2020**

Fight against COVID-19!

As we all know, that COVID-19 is a serious communicable disease which has claimed the precious life of many individuals around the world. To fight the pandemic and raise awareness about this disease, ITM Group of Institutions, Gwalior presents a precaution. This precaution will help you to fight COVID-19 and help in maintaining your health.

IF YOU WASH YOUR HANDS YOU ARE A WINNER

ITM GROUP OF INSTITUTIONS GWALIOR - MP - INDIA  
"THINK BIG... THINK BEYOND"

B.Tech/MCA/M.Tech/Diploma/MBA  
admission@itmgpl.in | www.itmgpl.in  
Contact: +91 7773005065, 7773001624, 7773001627

**May 06, 2020**

IDP and ITM Group Gwalior proudly present Webinar on International Education for ITM Group of Institutions, Gwalior Year-III Students and ITM Global School, Gwalior, MP, India Grades -10<sup>th</sup> & 12<sup>th</sup> Cambridge Section Students.

idp INTERNATIONAL EDUCATION SPECIALISTS | ITM GLOBAL GROUP OF INSTITUTIONS GWALIOR - MP - INDIA | ITM UNIVERSITY CELEBRATING DREAMS

IDP & ITM GROUP GWALIOR present  
**INTERNATIONAL EDUCATION WEBINAR**

Study in Australia, Canada, UK and USA

Thursday, 7<sup>th</sup> May, 2020 4pm - 5pm

Why IDP?

- A global leader in international education services
- 50% co-owned by Australian Universities
- Australian Securities Exchange listed company
- 120+ offices in over 30 countries
- Partner to over 700 leading education institutions
- Over 50 years of experience

Attend the webinar using the link:  
<https://idp-events.zoom.us/j/94724768236>

Abhishek Sheoran: 9930358827

Follow us on:

**May 07, 2020**

"The only real failure in life is not to be true to the best one knows."

These are the words of great 'Gautama', the Buddha (founder of Buddhism). Throughout century's, Buddha has been regarded as the enlightened one who founded Buddhism and walked the path of truth, justice and spiritual freedom. On this auspicious occasion, ITM Group of Institutions, Gwalior wishes everyone a prosperous Buddha Purnima. This post also contains the pictures of pious 'BODHI TREE' which is planted at ITM GOI's campus. The tree is a descendent of the great BODHI TREE from Bodhgaya, Bihar where Lord Buddha attained Enlightenment.

**May 15, 2020**

Future Job Webinar series- Session on Job opportunities in the field of Cyber Security in view of current scenario. Mr. Pankaj Gupta CEO of Reflex Solutions an IT service management expert with close to 20 years of experience, has worked with organizations like Infosys Technologies and Wipro Technologies before joining Reflex Solution. Mr. Pankaj will be live with us to share his expertise with students.

**Future Job  
Webinar Series**  
preparing for campus  
placements during and post  
Covid 19

**JOB OPPORTUNITIES  
IN THE FIELD OF  
CYBER  
SECURITY**  
IN VIEW OF CURRENT  
SCENARIO

**15/05/2020**  
**Time: 5:00 PM**

Registration Link:  
<https://forms.gle/U6BBgA9vn46Wb4dLA>

**May 15, 2020**

Future Job Webinar series- Session on " What management principle student required to approach companies post Covid 19". Mr Karthick PR Sr. Hr Executive Zydex Industries will be live with us to share his expertise with students.

**Future Job  
Webinar Series**  
preparing for campus  
placements during Covid and  
post Covid-19

**MANAGEMENT  
PRINCIPLES  
REQUIRED TO APPROACH  
COMPANIES  
POST COVID 19**

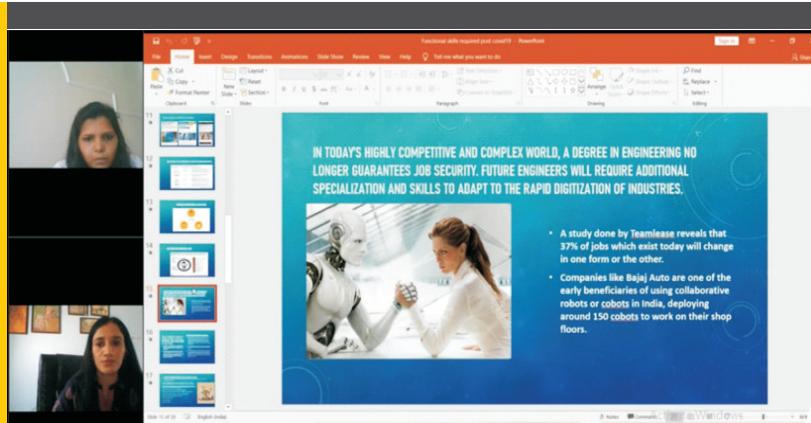
**16/05/2020**  
**Time: 3:00 PM**



**May 19, 2020**

Interaction with HR professionals through ITM University's latest Webinar!

Tata Motors HR professional Preeti Sakhare met the students of ITM-University, Gwalior and ITM Group of Institutions, Gwalior in the latest edition of the webinar organized under the Future Job Webinar Series. This webinar of Training and Placement Cell was based on the 'Functional Skills Required Post Covid-19 crisis'. During this time, she told the students how much the coming time is going to change due to Covid-19'. How students develop their own skills so that better opportunities can be given in future. The technology of the future needs to be developed through our own efforts. This webinar focused on gaining additional skills during the lockdown.

**May 21, 2020**

Webinar on 'Development of Social responsibilities of youth in India' at ITM Group of Institutions, Gwalior!

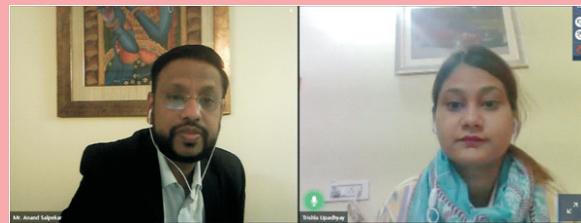
Motivating the youth by giving them information was Prof. VK Vijay, National Coordinator of Advanced India Campaign from IIT Delhi, he was the chief speaker at the National Webinar organized by ITM Group of Institutions. This webinar was organized on the theme 'Development of social responsibilities of youth in India'. In addition to many scholars of the country, a large number of youth participated. A detailed discussion was also held on topics such as Golden History of India, Indian Culture, Indian Education System, Indian Social Development and Advanced India Campaign. Vivek Kumar, national vice-coordinator with a strong hold on solid waste management, water management under the webinar, shared his experience with all participants. Dr. Rahul Singh Parihar of Barkatullah University, Bhopal, in his address suggested simple solutions on how to solve the problem of rural areas. In this national webinar, more than 500 students from all over the country registered online, who were also given e-certificates from the institute. As speakers in the webinar, Prof. Priyanka Kaushal, Prof. Manvi Ajit Singh, Dr. Rajat Soni of MNIT Bhopal, Dr. Ravikant Adalatwale, Coordinator of National Service Scheme of Jiwaji University and Head of Department of Mechanical Engineering Dr. Manish Sagar was present. They threw light on the social responsibilities of the youth in the development of our country. The webinar was conducted by Narendra Verma, National Service Scheme Planning and Coordinator of ITM Group of Institutions.

**May 26, 2020**

"Future of manufacturing sector is secure in India" Sri Anand Salpekar

"Students in the core and manufacturing sector need not worry too much for jobs as the manufacturing sector in India is considered safe. The new initiative of the Government of India 'ATMANIRBHAR BHARAT' has also proved to be good news for the manufacturing sector as the core industry will now be able to do much better work."

Sri Anand Salpekar, Corporate HR of Visa Group, was explaining the 'current job scenario' in the webinar organized under the 'Future Job' Webinar Series of ITM Group of Institutions, Gwalior. This webinar of Training and Placement Cell was based on the present job scenario of work in manufacturing and core companies. Students of ITM University and ITM Group of Institutions participated in it. Sri Salpekar inspired the students to adapt to 'change' with new skills.



### June 03, 2020

Listen ITM University Educational Talk Show on Daily Basis from 1st to 10th June 2020 from 5.00 PM onwards everyday on Suno Lemon 91.9 FM, 1st Frequency Radio Station of the City.



### June 03, 2020

**ITM Alumni Mentoring Program: First Chapter!**  
ITM-University, Gwalior Alumni Association and ITM Fraternity is initiating an Alumni Mentoring Program. Our first speaker Mr. Shantanu Shashtri (Product Security Specialist), Vice President, Alumni Bangalore Chapter, 2013 batch will take the session for "Scope and challenges of Cyber Security" dated 7 June 2020 at 10:30 am.



### May 05, 2020

**ALUMNI EXPERT TALK!!**  
ITM Group of Institutions and ITM Fraternity Alumni Relation Cell, Gwalior is organizing a webinar. Title: "Is software development the only option available to engineers? Is it a myth or truth? Discover yourself."



## Circuit Life - Department Activities

### Academic Achievements

- Faculty Retention –More than 75%
- Class attendance of students - close to 85%
- Seminar & Workshops conducted –More than 50
- Paper presentation in various Seminars & Symposium –More than 50

### Training and Placement

Training of students from various disciplines have been done by technical experts of reputed companies such as:

- HPES
- Multi-soft
- ATS Infotech
- Illuminate Mind
- DreamUni
- Sofcon
- Aspiring Mind
- CETPA

### Placement

Some of the reputed Recruiting Companies are:

- Cognizant
- Infosys
- Wipro
- IBM
- Igate
- Amdocs
- Persistent
- Mphasis
- Aon Hewitt
- ESS Pvt. Ltd
- FeDex
- IDPL
- Innoeye
- ICS (Off Campus)
- Thycrocare
- Hettich
- Era Group
- Around 30 reputed Companies have visited the campus so far for placement and some more good companies are in row
- Around 78% out of eligible appeared students have already been placed in good companies with handsome package so far and for others the process is continuing

### June 12, 2020

Big Spotlight conversation with Pro-Chancellor, Dr. Daulat Singh Chauhan on 92.7 Big FM!  
Don't forget to catch Pro-Chancellor, ITM University, Dr. Daulat Singh Chauhan in conversation with RJ Vaibhav at 92.7 Big FM. The conversation will be around the COVID-19 situation in India and what to do for students to adapt to the new normal.



### June 13, 2020

ITM University Educational Talk Show - Day 13  
Listen ITM University Educational Talk Show on Daily Basis from 1st to 16th June 2020 from 5.00 PM onwards everyday on Suno Lemon 91.9 FM. 1st Frequency Radio Station of the City.



### June 15, 2020

Future Job Webinar Series- "Upskill and Reskill - The new normal ". Ms. Gaurika Tandon Head Learning and Engagement Bennett Coleman & Co. Ltd. will live with us and share her expertise with students.



### June 25, 2020

ITM Group of Institutions, Gwalior Department of Civil Engineering is Going to Organise "Online Summer Internship Program, 2020" for B.Tech 2nd semester Student's.



# Mechanical Engineering

## Vision

To impart quality education in mechanical engineering to serve the changing needs of industry and society.

## Mission

To impart quality education in the field of Mechanical Engineering by promoting values in students which will stimulate them to serve the needs of the industry and society by aiding in its overall progress and development by keeping dynamic equilibrium with its social, ecological and economic environment.

ME Deptt.

Glimpses of One Week Teachers Training Program (19/11/19-23/11/19) on Introduction, Implementation and Application of CFD / FEM in Department of Mechanical Engineering with the Collaboration of RGPV, Bhopal and ITM Group of Institutions, Gwalior.



## December 30, 2019

Team BlackHawk Racers from ITM University are going to participate in the ATVC Racing to be held in Ahmedabad from February 15th to 19th. Please show your valuable support by retweeting on Twitter, Liking, commenting and sharing on Instagram, so that these hardworking students can get rewarded for their project. Hurry up with your shares and retweets as only a short time remains!

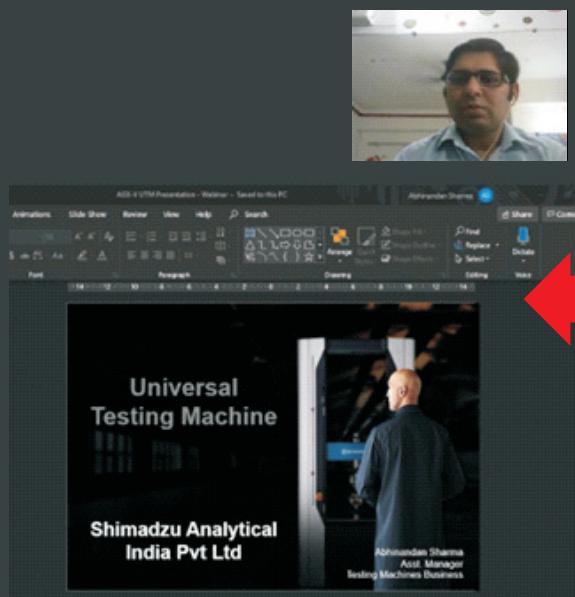


## January 21, 2020

A glimpse of AICTE sponsored Faculty Development Program on Universal Human Values for student induction organised by ITM Group of Institutions from January 21-23, 2020.

## February 17, 2020

A team of 15 mechanical students of ITM Group of Institutions have prepared a customized auto terrain vehicle -Black Hawk Racer. The team has designed the parts of the vehicle carefully to increase the car's efficiency. They are going to participate in the Mega ATV Championship organized by "Autosports India".



## May 14, 2020

Webinar organized for students of mechanical under alumni mentorship program at ITM Group of Institutions. Industry expert Mr. Abhinandan Sharma gave detailed information on the subject of 'latest test and technology development in material testing'. Mr. Abhinandan Sharma, industry expert and ITM alumni, delivered detailed information about new technologies related to material testing in the industry, he is the Assistant Manager of Sales Scientific and Industrial Equipment and Testing Division at Shimadzu Analytical India Private Limited. Here, the expert gave information on the subject of 'latest technology and development in material testing'. Second year and final year students of ITM University and ITM Group of Institution participated in it. He explained in detail about the various processes used in the Industry for information related to material property. During this, information was also given about all the tests done through universal testing machines such as tensile test, compressive test, two point bending test and four point bending test.

## June 13, 2020

India now has better opportunities in the automotive industry! Webinar organized for the students of mechanical under the alumni mentoring program at ITM Group of Institutions. Shri Shobhit Pratap Singh, Industry Expert and ITM Alumni, is the Assistant Project Manager at Kotra Mumbai (Korea Trade and Promotion Agency). A webinar for students was organized under the ITM Alumni Mentoring Program by the Mechanical Department of ITM Group of Institutions. Here, expert Shri Shobhit Pratap Singh gave detailed information on 'Risk Challenge and Opportunity in Automotive Industry'. Second year and final year students of ITM Group of Institution participated in it.

 A screenshot of a Microsoft PowerPoint slide. The title of the slide is '5. What economic factors are affecting the automobile industry?'. The slide is presented by 'Shobhit Pratap/Kotra Mumbai/Risk & Challenges'. The slide content includes a bulleted list of factors affecting the automobile industry. A red arrow points from the text above to this slide.
 

- Two of the four quarters of 2019-20 are widely expected to be difficult
  - Q1 was due to the elections and Q4 because of the transition to BS-VI, the new emission norm. No BS-IV cars registered from April 1, 2020.
- It is not going to be easy. Most players would want to err on the side of caution,
- India's Rs 4.8 lakh crore automobile industry. The sector that employs 37 million people (direct and indirect), contributes 7.5% to the country's GDP and 49% to the manufacturing GDP, is staring at a multi-layered crisis.

# Civil Engineering

## Vision

To be a center of excellence in the field of Civil Engineering for a constantly changing societal needs and challenges by imparting quality education and allied research.

## Mission

- To offer the world class teaching, training and resources in Civil Engineering to the young minds of the nation.
- To produce technically sound Civil Engineering graduates to serve the nation.
- To produce Civil Engineers who are ethically and morally responsible towards the society and nation.
- Students of Civil Engineering branch displaying a model of Foot over Bridge designed solely for pedestrians which they have prepared under Project Based Learning (PBL)



# Computer Science Engineering

## Vision

The department envisions to nurture students to become technologically proficient, research competent and socially accountable for the welfare of the society.

## Mission

- To provide high quality education through an effective teaching-learning process emphasizing active participation of students.
- To build scientifically strong engineers to cater to the needs of industry, higher studies, research and startups.
- To awaken young minds, ingrained with professional and behavioural ethics for the betterment of the society.
- Glimpses of One Week Teachers Training Program (17/12/19-21/12/19) on Machine Learning and Artificial Intelligence by using Python in Department of Computer Science and Engineering with the Collaboration of RGPV, Bhopal and ITM Group of Institutions, Gwalior.



# Electronics and Communication Engineering

## Vision

The Electronics and Communication Engineering department envisions to prepare world-class technocrats and entrepreneurs with fresh ideas and innovations to meet the demands of industrial development and social commitment.

## Mission

- Prepare students to solve real world problems through research and develop their entrepreneurship skills.
- To provide high quality education with effective teaching pedagogy.

## EC Deptt.

Glimpses of One Week Teachers Training Program (10/12/19-14/12/19) on Low Power VLSI Design and Verification in Department of Electronics and Communication Engineering with the Collaboration of RGPV, Bhopal and ITM Group of Institutions, Gwalior.



# MBA

## Vision

The department envisions to flourish analytical, managerial, entrepreneurial attitude besides inculcating ethical values for the holistic development of learners to create positive societal change.

## Mission

- To cultivate a learning environment suitable for the creation and dissemination of management knowledge.
- To develop innovative and dynamic business leaders who add value to society and nation-building.
- To develop industry-academia interaction in a collaborative manner which provides industrial exposure and experiential learning.
- Program Educational Objectives Statements
- To equip the students with KSA (Knowledge- Skill – Ability) to sharpen and prepare them to face challenges through effective decision making, analytical and critical thinking to excel in career.
- To develop comprehensive knowledge of the business activities and harvest creativity and innovation among students.

# MBA

A one day seminar 'Suspire 2020' based on the theme 'Strategies for digital and cashless economy in a globalized era' has been organized by the Management Department ITM Group of Institutions on January 18, 2020 in view to gain relevant and valuable insights on this trend as well as crucial subject. On this occasion various eminent academicians and industrialists address the participants. Prof. R.C. Gupta, MLB, College, Secretary AIAA enlightened the audience, further, guest of honor Dr. Ajay Wagh threw light on the seminar theme. Participants also listened to Dr. Vishal Vyas, ABVIIITM who told them about the impact of a cashless economy on the growth of the country's economy. Then, Prof. Shailendra Bhadouria, Dean, Department of Commerce IGNTU address the participants. Prof. D.D. Agrawal, DCDC (Affiliation) Jiwaji University and Head SOS in chemistry, JU motivate participants to do research on current and trendy topics.

Prof. Harish Agrawal, KRG College and VC AIAA and CA Vijay Singh Rajawat, JK Industries Banmore also provided us direction and guided participants and last but not least Prof. Suvijna Awasthi, Dean and Head SOS in Management, Jiwaji University shared her knowledge and thoughts and highlighted the concept of digitalisation and cashless economy.



### **February 26, 2020**

Industrial visit to JK Tyre & Industries!

MBA students from the management department of ITM Group of Institutions visited JK Tyre and Industries in Banmore. 45 students of ITM were shown the manufacturing process of JK Tyre. They gained technical and practical knowledge related to production. During the visit, they also learned about manufacturing, working process as well as quality checking. Mr. Abhishek, senior manager of the company's HR department and Mr. Ravikant Dubey, deputy manager of the production department helped the students during this visit.



### **Webinar on WORKING CAPITAL MANAGEMENT**

DATE: 12.05.2020

TIMING: 10:00 AM TO 11:30 AM



RESOURCE PERSON

**CA VIJAY SINGH RAJAWAT**  
CHIEF MANAGER  
FINANCE AND ACCOUNTS  
JK TYRE AND INDUSTRIES LTD.

### **May 12, 2020**

Department of Management is organising a webinar on Working Capital Management on 12/05/2020 by CA Vijay Singh Rajawat, Chief Manager- Finance and Accounts- J. K. Tyre and Industries Ltd.

### **May 14, 2020**

Department of Management is organising a webinar on Strategic Tax Planning on 14/05/2020 by CA Vijay Singh Rajawat, Chief Manager- Finance and Accounts- J. K. Tyre and Industries Ltd.

Property  
tax  
Value  
addition  
TAX  
contribution  
Value  
addition  
TAX  
contribution

**WEBINAR ON  
STRATEGIC TAX PLANNING**

DATE: 14.05.2020  
TIMING: 10:00 AM TO 11:30 AM

RESOURCE PERSON  
**CA VIJAY SINGH RAJAWAT**  
CHIEF MANAGER  
FINANCE AND ACCOUNTS  
JK TYRE AND INDUSTRIES LTD.

ORGANISED BY  
**DEPARTMENT OF MANAGEMENT**  
ITM GROUP OF INSTITUTIONS, GWALIOR (M.P.)  
NOTE: WEBINAR LINK WILL BE PROVIDED LATER ON

# Beyond Classroom

## 1. Activation of Various Clubs

- Film & Photography Club
  - Literary Club
  - Science & Technology
  - Eco Club
  - Library Club
  - Music Club
  - Performing arts Club
  - Community Services Club
  - NSS

**Activity/Achievement: Guest lecture program in the context of Gandhi philosophy in ITM College**

On the occasion of 150th birth centenary of Mahatma Gandhi, guest lecture was organized by the NSS Unit of ITM GOI, Sitholi campus for sustainable development, environmental protection and student character building in the context of Gandhi philosophy.



**Activity/Achievement: NSS Unit of ITM GOI College got first prize for tree planting program**



70 स्टूडेंट्स को वितरित किए, प्रमाण पत्र  
आइटीएम जीओआइ की एनएसएस  
युनिट को मिला प्रथम पुरस्कार

**परिवर्तन PLUS फ्रिदेट**

**मालविका** • कल एक दूसरे वर्ष परिवर्तन के अंतर्गत अपनी जीवनशैली को बदलने के लिए शिर्पुरी संस्कार के समाप्ति समाज के उपरान्त में आयी थी। उसके बाद इसके दौरान एक अद्यतन घटना हो गई थी। इसके बाद वह अपनी जीवनशैली को बदलना चाहती थी।

विवेकानन्द के अंतर्गत अपनी जीवनशैली का बदलाव करने की विचारणा आरंभ हो गई। विवेकानन्द, शिर्पुरी, दूषण, विद्युत, धूम, विद्युत और विद्युत की विवरणों को सुनने की विचारणा आरंभ हो गई।

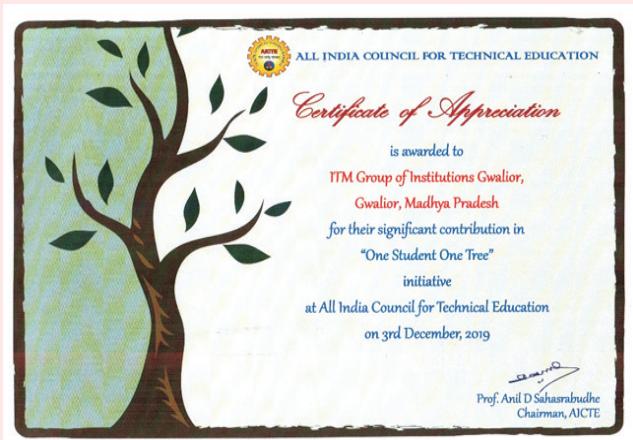
**Activity/Achievement:** NSS Day was celebrated jointly by the NSS units of ITM University and ITM GOI with great enthusiasm.



**Activity/Achievement:** “ITM GOI NSS Head Mr. Narendra Kumar Verma has been appointed as the in-charge of Madhya Pradesh in the pre-republic day parade camp by the Madhya Pradesh government.



**Activity/Achievement:** “ITM Group of Institutions got the honor at the award ceremony held at All India Council for Technical Education (AICTE) Delhi



## **Activity/Achievement: “NSS Parade Team of ITM GOI**



**Activity/Achievement: NSS ITM College volunteer  
Pooja Ram (B.Tech. Civil Engg. Department)  
selected in state level training camp**



**मिट्टी पिपोटर** | जबलपुर में लाने वाले राज स्टरिं शिरिय में हिस्सा लेने के लिए गुजरात को बालिकर से परस्पराम्भ के छात्रों को दल रखना हुआ। इस पैकेज पर जावेज़ यूनिवर्सिटी के कुल्याचर्य वडा आईटी मधुरी ने कहा कि परस्पराम्भ के विद्यार्थी अपने जावेज़ जनवास क्षेत्र का काम करते हैं। अस्साम में रुक्क काम करना ही इनका लक्ष्य है। इस अस्साम पर समर्पण प्रो. रोहित अद्यातलाले, वडा, संजय कुमार पांडे ने महिला अन्य अधिकारी मोदूरे रहे।

**Activity/Achievement:** “The workshop was organized by the National Service Planning Unit of ITM College under the Ek Bharat Shreshtha Bharat Program.



**Activity/Achievement: “Shocked to see recovery from poor in lockdown, NSS unit of ITM College made free payment to poor”**

**पत्रिका PLUS**

**एन-एस-एस डे आज :** कोरोना काल में एन-एस-एस वालटिवर्स बने कोरोना फाइटर्स लॉकडाउन में गरीबों से वसूली देख स्तब्ध हुआ तो खद कियोस्क से पहचाया जनधन का पैसा

**Activity/Achievement: “Food items were sent by ITM NSS Unit to the needy during the lockdown period.**



## ANNUAL ACTIVITIES

- National Science Day
- Save Girl Child Campaign
- Engineer's Day
- Republic Day
- Independence Day
- Campus Recruitment Drive
- Sneh-Sammelan
- Swachh Bharat Abhiyaan
- Annual Function
- Sangeet Sammelan
- Women's Day

### **ACTIVITIES-AT GLANCE**

• Kronos is the annual tech fest of ITM, one of the top-notch institutions, witnessing a brand-new apex of events, commenced in the year 2010. Carrying forward the legacy it celebrated its 6-edition last year, in 2018. It was indeed a year of vitality and versatility for the fest. Like every year workshops and a number of events covering the technical, non-technical and even the fun aspects were conducted. The best and the most successful of the events were Robo-War, Robo-Race, Mars Escape and Youth Senate. Three highlights of Kronos '18 were Paint ball involving mob participation, DJ Night and KTM Stunt Show praised by many. An event named 'Unconference' caught the attention of many which included renowned speakers like Ekta and Francis Bouderlique, Anubhav Razdan and Vicky Roy. The classic event of Kronos Genesis' continued to maintain its legacy and turned out to be the victorious event with a grand prize money of Rs.6000 for 1 and Rs.3000 for 2 Kronos is turning out to be a stepping stone for various new bies and technocrats hiding somewhere deep inside them.

Kronos 18 was another year that has been added to its honor and success it achieved was par imagination.

- Beautiful Opening Of Interstellar Talks IN KRONOS 2k19
- "Problems of Transgender community in India: Neglected miseries of Humanity" by Mx Dhananjay Chauhan at ITM Sithouli Campus".
- In a beautiful interaction with the students and faculty members of ITM-University and Group of Institutions, Mx Dhananjay recollected her story and the problems faced by her. Being psychologically challenged as a feminine gender person, Mx Dhananjay is highly educated and she aims to work for the welfare of the Trans Community. Thanking Mx Dhananjay, Dr. Chauhan emphasized on "thinking about the things we usually don't think about" which states the whole purpose of these talks. Whereas Pro-Chancellor Dr.Ruchi Singh Chauhan talked about "changing the traditional mindset of the people of our country". The event also witnessed the presence of Founder Chancellor Sri Ramashankar Singh and Director ITM Group of Institutions, Gwalior Dr. Meenakshi Mazumdar.



## ANNUAL ACTIVITIES

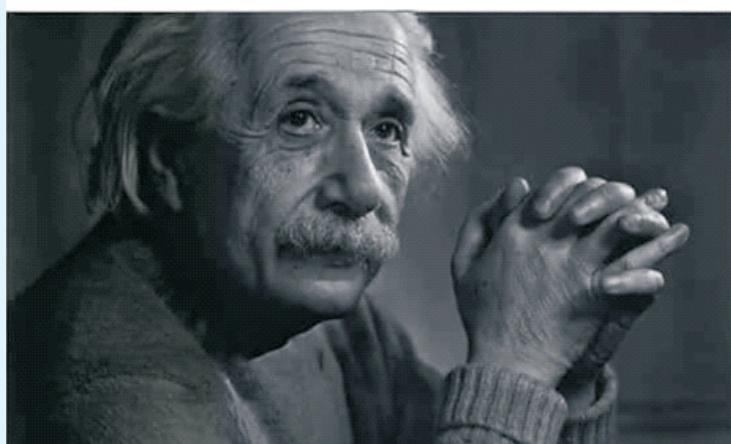
### TIMS

1. To discuss the current perspectives of sustainable development in developed and developing economies.
2. To conserve and enhance the resource base with the help of green, smart and safe materials.
3. To create innovative technologies and reorient existing technologies for sustainable development and discuss future solutions for designing a green, smart and safer environment.
4. To discuss holistic approach in decision making on the basis of environment, economies and technology options.
5. To provide a platform to technocrats, experts and academicians from different countries for presenting their innovative and constructive ideas at international level.
6. Through this conference we aim to provide a leading forum for debate on important issues related to sustainable development for society with an approach to develop resilient communities and manage risks.
7. To generate research and disseminate knowledge about sustainable development.
8. To establish an information exchange platform for sustainable development.

### MEMES



**SCIENTISTS ARE STILL  
RESEARCHING ON HOW**



**ENGINEERS GET UP AT 8:25AM &  
ATTEND THE CLASS AT 8:30AM**

## CORE TEAM

<b>Student Editor</b>	-	<b>Shantanu Pratap Singh</b>
<b>Member</b>	-	<b>Sankalp Gupta</b>
<b>Member</b>	-	<b>Udit Sharma</b>
<b>Editor-in-Chief</b>	-	<b>Dr. Megha Lahane</b>

Thanks to all the members associated directly or indirectly with the magazine.

## ISSUE'S POLL

**Q. How satisfied are you with the bus facility of the college?**

**Highly satisfied**

**Somewhat Satisfied**

**Average**

**Dissatisfied**

**Hopeless**

To cast your vote mail us to [ojas@itmgoi.in](mailto:ojas@itmgoi.in)

Independence Day Celebrations

**FOR MORE DETAILS CONTACT**

OJAS OFFICE, NEWTON BLOCK

ITM GOI, GWALIOR (M.P.)

E-mail: [ojas@itmgoi.in](mailto:ojas@itmgoi.in)