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ITanium

DEPARTMENT OF INFORMATION
TECHNOLOGY

Special Issue on
COVID-19:
Soci-Economic
Impact

SPECIAL
WORDS



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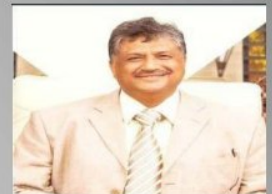
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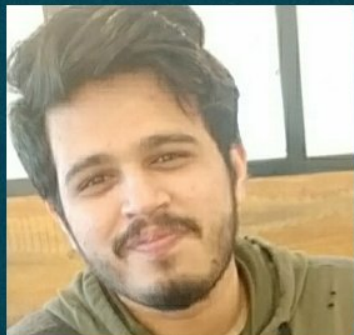


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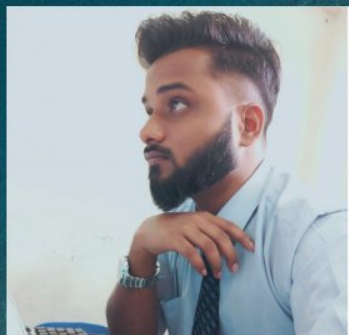


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Meet The Team



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THANK YOU
TO OUR FORTHCOMING
SENIORS FOR THE
INITIATION OF OUR DEPARTMENT'S
E-MAGAZINE, "ITANIUM".
YOUR WILLINGNESS TO TAKE EVERY
CHALLENGE IS ADMIRABLE.
THERE ARE CERTAIN
THINGS OUR DEPARTMENT
IS THANKFUL
FOR AND WE APPRECIATE
YOUR HARD WORK AND
DEDICATION TOWARDS
US. YOU HAVE
DONE AN INCREDIBLE JOB OVER
THE LAST ONE YEAR AND
YOUR SUPPORT HAS BEEN A
HUGE PART OF OUR
DEPARTMENT'S SUCCESS
AND ALSO WE ARE
EXTREMELY THANKFUL
FOR BEING AN EXCELLENT
MENTOR FOR OUR SECOND YEAR
STUDENTS AND ENTRUSTING
THEM WITH THIS WORK.
WE ARE PRETTY SURE
THAT OUR MAGAZINE
WILL SOAR HEIGHTS
AND WILL BE EVERLASTING.
SINCE IT'S NOW GOING TO BE YOUR
FINAL YEAR WE WISH YOU
ALL THE VERY BEST FOR
YOUR FUTURE ENDEAVORS
AND HOPE YOU DO GOOD , OUT
IN THE REAL WORLD.





VISION & MISSION

IMS ENGINEERING COLLEGE

VISION

Our vision is to impart vibrant, innovative and global education and to make IMS the world leader in terms of excellence of education, research and to serve the nation in the 21st century.

MISSION

- To develop IMSEC as a center of Excellence in Technical and Management education.
- To inculcate in its students the qualities of Leadership, Professionalism, Executive competence and corporate understanding.
- To imbibe and enhance Human Values, Ethics and Morals in our students.
- To transform students into Globally Competitive professionals.



Department Of Information Technology

VISION

To impart futuristic technical educational and establish a department of excellence by preparing students to apply their knowledge and varied skills as a competent technocrat to contribute towards solving complex societal problems and thus building a peaceful and prosperous nation.

MISSION

M1: To impart quality engineering education so that they become perfect IT professionals by getting high quality of technical education, research, training, professionalism with strong ethical values.

M2: To educate students in such a way that they shape up their minds to ensure their productive career in industry and academia.

M3: To help students to excel in research and innovation that discovers new knowledge which enables new technologies and systems.

M4: To prepare students to become an industry ready IT professional by inculcating creativity, team spirit, leadership and ethical competence through industry-academia collaboration, continuous curricular, co-curricular and extra-curricular activities.



Department of Information Technology

PROGRAM OUTCOMES (POs)

ENGINEERING GRADUATES WILL BE ABLE TO:

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- 4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- 6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- 7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- 9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- 11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



PROGRAM EDUCATIONAL OBJECTIVES [PEO]

PEO1: Graduates of the program will be able to apply fundamental principles of engineering in problem solving and understand the role of computing in multiple disciplines.

PEO2: Graduates will learn to apply the various computational techniques & tools for developing solutions & projects in real world.

PEO3: Graduate will be employed as Information Technology (IT) professionals beyond entry-level positions or be making satisfactory progress in graduate programs.

PEO4: Graduate will be able to demonstrate that they can function, communicate, collaborate and continue to learn effectively, and ethically as a socially responsible information technology professional. They will contribute to the society by their

PROGRAM SPECIFIC OUTCOMES [PSO]

By the completion of program the students will have following program specific outcomes.

PSO1: Foundation of computer system: Ability to understand the principles and working of computer systems & information technology.

PSO2: Foundations of software development: Possess professional skills and knowledge of software design process. Familiarity and practical competence with a broad range of programming language and open source platforms.

PSO3: Foundation of mathematical concepts: Ability to apply mathematical methodologies to solve computation task, model real world problem, using appropriate data structure and suitable algorithm.

PSO4: Applications of computing and research ability: Ability to use knowledge in various domains to identify research gaps and hence to provide solution to new ideas and innovations.

From Director's Desk



Greetings to all from IMS Engineering College, Ghaziabad!!!
As we are aware that world is facing an unprecedented crisis due to the spread of coronavirus and has taken the lives of millions . The cases in India as a consequence of the pandemic have been rising but not as alarmingly . This can be mainly attributed to the timely Lockdowns . We are dealing with a highly contagious virus and if not contained it could wreak havoc through our huge population in no time . Each one of us and the entire world is affected by this Coronavirus pandemic ; our economy, our families ,communities and our entire way of life are adversely affected by the scare of infection & contagion. I hope all of you will utilize this lock down period sincerely and honestly in your studies . Do not hesitate to contact your teachers . As announced by our University , we are expecting the final year semester examinations in July ' 2020 and the examinations of other semesters in August ' 2020 . Do not waste your time . Be prepared mentally and make full utilization of this time. I request all the parents to keep your wards at home till an official intimation , with the date of rejoining the college, is announced . Till then, you are advised to ensure that the students revise their courses for the Semester Examinations.

Wishing you all the best and praying for your safety.

**With best wishes
Dr. SRABAN MUKHERJEE
Director
IMS Engineering College**

HOD's Message



DR. S.N. Rajan
HOD(IT)

At the very outset let me extend my thanks to Mr. Wassfi Hassan Sreihin (Ex - Secretary General AARDO) , Dr. Bernd Markscheffel (Professor , Technische Universität Ilmenau , Germany) , Mr. Arvind Francis (Asstt. Secretary General & Head HR , FICCI) , Dr. Ashish Seth (Professor , Inha University , South Korea) and Mr. Sinisa Rudan (Electrotechnical Faculty , Belgrade , Serbia) for sharing their valuable articles for publication in ITanium.

I know that we are all watching the development of the Coronavirus pandemic with feelings of concern and uncertainty . It is important that we remain calm , show solidarity and stand by each other in this difficult time.

I request all of you to place on record the brave hearts who have been working tirelessly putting at risk their own life , all the volunteers , health professionals all over the world . Their selfless service is commendable . Let us in spirit wish & pray for all people who have been affected by the virus directly and indirectly . We , at IMSEC , are concerned about the health and safety of our students , staff and their families and friends. Our talented and ever - willing – to - work faculty members & Staff have been showing their care and concern for the College & student , working from home preparing notes & engaging classes online for the benefit of students . I appreciate their concern for the students and commitment to academics.

My best wishes to our students Kajal, Preeti , Jatin, Ayush , and Prince , for their excellent work in initiating and working throughout the year for our e-Magazine ITanium. Now they are going to be in final year and so handing over their responsibilities to juniors. My best wishes to them .

I once again wish you all the best..!
Stay home ; Stay safe !



Student Achievement & Awards:

- Student participation & paper presentation in various National & International Conferences.
- Students awarded in various National Level Technical Project Competitions
- HACKATHON-2020 Screening
- Active participation in Cultural & CSR activities
- Active participation in Sports: Up to Zonal & State level

Innovation & Entrepreneurship:

- Students Innovative projects
- Demonstration in TECHNOVATION, HACKATHON -(SIH -2020)
- Regular interaction with Alumni Entrepreneur
- Participation in Entrepreneurship Awareness Camp(NIESBUD, Ministry Of Skills Development Government Of India)
- Startup Support(MSME)

IMS Engineering College

(NAAC 'A' Grade Accreditation, Affiliated to Dr A P J Abdula Kalam Technical University, Lucknow & Accredited by AICTE, New Delhi)

INFORMATION TECHNOLOGY DEPARTMENT

Campus:

Established in 2002,
NAAC Accredited with Grade 'A'
Approved by AICTE, New Delhi
Affiliated to Dr. A P J Abdul Kalam Technical University, Lucknow
Ranked 6th by TOI Survey



Department:

Quality focused & Global standard academic system
Highly qualified & well experienced faculty members
Faculty participation in research & Ph.D Programs
Excellent Placement Record
Departmental Club: InfoCorp , Techninjas 2.0
Departmental E-Magazine: ITanium
Alliance with RedHat Academy ,NPTEL, Local Chapter, NASSCOM, Amazon AWS, Adobe Spark, COURSERA

coursera

amazon
web services

aws

Adobe



Laboratories:

- Data Analytic Lab
- Geo-Spatial Lab
- Open Source Lab
- Data Warehouse & Big Data Processing Lab
-

Placement (2018-19):

Major Recruiters: TCS, Wipro, Accenture, Infosys, Genpact etc.
Highest Package: 7.3 Lakhs
Students placed:101 (2018-19)
Companies Visited in Campus: 52

TATA
CONSULTANCY SERVICES

Infosys

Industry MOU:

RedHat Academy
Tevatron Technology
HANTECH
ICT Academy IIT-K Prutor

Tevatron Technologies
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Landline : (0120)-4940000

QUOTABLE QUOTES

"When one door of happiness closes, another opens ; but often we look so long at the closed door that we do not see the ones which has been opened for us.

- Helen Keller

.....

"Imagination is the beginning of creation . You imagine what you desire;you will what you imagine;and at last you create what you will."

- George Bernard Shaw

.....

"I've learned that people will forget what you said ; people will forget what you did, but people will never forget how you made them feel."

- Maya Angelou

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Table Of Contents

- **Articles**
- **Alumni Speaks**
- **Lit Drops**
- **Newsworthy**
- **Department News**
- **Student's Opinion**
- **Upcoming Events**
- **Brainstormers**

ARTICLES



Corona virus :

Threats and opportunities



WASSFI HASSAN SREIHIN

AMMAN - JORDAN

EX SECRETARY GENERAL

AFRICAN - ASIAN RURAL DEVELOPMENT ORGANIZATION

(AARDO)

The outbreak of Novel Corona virus-or COVID-19 was declared by the World Health Organization (WHO) as pandemic and a global health emergency on March 11 2020, several weeks after its outbreak in Wuhan city in China , last January . Till the time this article was prepared , the escalating number of infections has exceeded three million people in 215 countries and territories around the globe , claimed massive death of more 300,000 thousand lives , and rendered the world to chaos and fears of the future existence of human on earth.

Though the outbreak of Corona virus pandemic is a health crisis , it has turned into a global economic and financial shock in a short time , and seems to lead to global socio - political turmoil that altogether may expedite another global recession and disturb the world peace , in the absence of any hope for developing any cure or vaccine to curb the pandemic.

The world is now in chaos, attempting to stop the exponential increase in infections and fatalities, or at least flatten its curve, & at the same time, taking rescue measures to ameliorate its impacts on lives and livelihoods.

Measures announced to stem the worrying rise in COVID - 19 infections include declaring state of emergency/lockdown, isolation & quarantine, house confinement,

social distancing , closing cities , educational institutions , and not ending by the closure of borders , ports and airports , shutting down businesses , travel, tourism, entertainment , and non - essential sectors , deployment of police & army for crowd control , which altogether put a lot of hardships on their citizens.

In their attempt to the heavy impact of the pandemic on their respective slowing /stressed economies,many governments have rushed to injected stimulus package in hundreds of billions of dollars , while many governments rushed for borrowing to reinvigorate their economies ,and meet the emergent situation . Shortly after the outbreak of the pandemic , another unexpected economic crisis broke out and may has its worldwide deep impacts in the short and long run , i.e . the oil war between Russia & Saudi Arabia, and apparently complicating the global scenario which was already witnessing many cascading collapses and uncertainty rapping almost all economic sectors.

It will be too early , at this stage , to predict the permanent impacts of the pandemic on our world in the short & long run, as the causes of the pandemic are uncovered yet , the events are still building up ,& questions are far more than answers. At this stage , one can look into the indicators and events to analyse how the world after Corona virus would look like.

There will be expedited transitioning to online learning/education,work, businesses , retail. The Digital World along with the Fourth Industrial Revolution & the Artificial Intelligence AI , will be the biggest game changers ever in transforming our world. Besides , there will be permanent and lasting changes and challenges to the world order including international relations , politics and diplomacy , communal fabrics & social security, agriculture production patterns, quantities & world food security, international trade , employment and job market dynamics , services and all other sectors.

It is expected that this situation will continue till the end of the year before a cure is found, and if we know that commissioning a vaccine usually takes 6 to 7 years , the world will witness permanent and drastic changes in every aspect of life, and shifts in career, industry , employment , individuals' priorities and life style . There will be a paradigm shift in social and human relations arising from distance conducting of work, teaching & learning , business etc. with minimum human interactions & more individual-centric societies, with fewer adherences to inherited norms & customs. The 2008 - 10 Recession had led to the loss of 8.8 million jobs in the US in just 106 weeks ; this pandemic has already left 20 million Americans jobless just in nine weeks.

It is estimated that global GDP will be lower by 3 - 9 % for this year , i.e. about 2.5 trillion USD & might reach up to 8 Trillion with the international trade is at its lowest level with increasing world debt.

Wheat exporting countries will cease to export to the rest of the world , hunger will strike with the stop of agriculture in most of the countries of the world which has switched to tourism and industry and financial services . Even these countries will witness considerable decrease in production as farmers are quarantined

Wheat exporting countries will cease to export to the rest of the world , hunger will strike with the stop of agriculture in most of the countries of the world which has switched to tourism and industry and financial services . Even these countries will witness considerable decrease in production as farmers are quarantined.

Countries depending on oil revenues will not find enough resources to buy or trade -off for goods because of decreasing demand on oil in the light of decrease of sea , land and air freight and industry.

Financial markets will collapse in the absence of strategic products exports & stock markets evaporate . Global banking system & major industrial corporates are all at high risk.

The Euro and weaker currencies will experience difficult times and may crash hard. During the crisis, the European Union has proved that it is as weak as spider's cob, when health & national sovereignty became stronger than the loosening grip of the European sovereignty.

New trends of migration of local workers and expatriates are happening now . India is an example . The collapse of the current world order and restructuring of the indiscipline globalization and, World Trade Organization WTO, & the United Nations Organization seem to be inevitable, and hence inviting for a new world order.

China will be on the top of the post - corona world order without waiting for any approval or objection or the need for any conventional war , unless the United States of America 'manufactures' a war to sustain as the world biggest economy in the 21 st century.

Capitalism as an ideology, supported the over exploitation of the natural resources causing polluted environment in favour of corporates to make financial profits. Much of the rescue packages were geared in favour of the corporates and the rich , leaving other economic sectors , especially SMEs demands unattended . It is the time to develop a new political path caring for the ecosystem and communities in order to sustain human life on earth .

Developing countries will have to expedite their national and human development agenda and bringing their national Sustainable Development Goals SDGs to the forefront stage , and we may witness the fall of some countries due to additional economic pressures and rise of others.

Though it is not obvious yet whether the pandemic was an act of terror or an error , but it obvious now , that the year 2020 , will be a turning point in the history of the world, and reshaping our future in the post corona era.

While a pandemic of this magnitude calls for united and collective efforts to fight it by all possible means, governments and nations are, till now, working independently on community and national levels. The United States of America and Britain have dramatically failed in manage the crisis independently . The European Union did not unite so far during the crise . This makes us wonder about the missing collective global thinking and cooperation to meet the globalized risks and threats.

Many politicians and think-tanks agree that , so far, the international efforts level is still below satisfactory. A new international unified leadership has to be established without any further delay , solely mandated to swiftly and jointly manage the crisis

and ease its consequences.

India was the first to call for a joint action plan between South Asian countries to contain the fast spreading of COVID - 19 outbreak, and supported a recent initiative aiming to unify efforts and exchange expertise to deal with the fast spread , trans-boundary pandemic.

The pandemic entails within great opportunities especially for India, as being one of the leading innovative countries in the world, on many fronts ; political technical & economical. Besides, India is lucky to have the largest number of scientists , researchers, think tanks, learned leaders in all disciplines, as well as, huge manufacturing capabilities.

Here are some sunny predictions for India in these gloomy days:

India will forcibly jump into the future in a considerably short time in resonance to the world shifts and requirements . India may become one of the major hubs for manufacturing of every medical and pharmaceutical item to meet the increasing international needs.

India is the home of two of the biggest vaccine manufacturing companies in the world , and are capable of making a breakthrough , their vaccines will be worldwide accepted for many reasons; as free from harmful element, mass production enough to meet world demand within shortest time at affordable cost.

The increasing international demand on the hi - tech , smart Tech and IT sector especially in distance working & management can be another huge opportunity for India.

Indian colleges and students especially in engineering , IT , microbiology , genetic engineering , renewable energy , agriculture and many other disciplines may utilize these opportunities to contribute to the advancement of humanity in India and the rest of the world . After all , humanity has only one earth to live in and shares one destiny, as the great Indian singer Mohammad Rafi put it:

Although we hail from different lands
We share one earth and sky and sun
Remember Friends the World is One.



Science and Science Communication in the Age of Corona



Dr. Bernd Markscheffel

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Chair of COLLNET

**Global interdisciplinary research network
Collaboration in Science and in Technology**

Corona has changed the world and our view of the world , sharpened our perspective on many small trivialities .We look more consciously at distances, wear a mask to protect others , and hold lectures and seminars online as a matter of course . Much of what once seemed difficult to do has now become an almost natural routine. Our university, the Technical University of Ilmenau, reacted very early and sensitively to the outbreak of the pandemic , which hit us here in Germany with full force in the first two weeks of March . Presence work were suspended , examinations were canceled , & an emergency operation plan was developed . Home office and remote teaching has become the rule rather than the exception.

Today , after almost 10 weeks of living with Corona , this unbelievable shock at the tsunami of social & economic effect of the pandemic has given way to the mastery of more or less everyday situations , also a above all due to the transparent communication of highly relevant scientific finding . Everyone had to learn that science is above all a process. And this is all the more important because , as here in Germany , political decisions are largely determined by these scientific findings . The interdisciplinary teams of physicians, natural scientists

& technicians in particular make an essential contribution . Whether it is the planning and design of specialized equipment such as intensive care beds or ventilators , the prediction of future casenumbers , or for research about the virus , the development of new antibodietests & of course the development of a vaccine or effective medications.

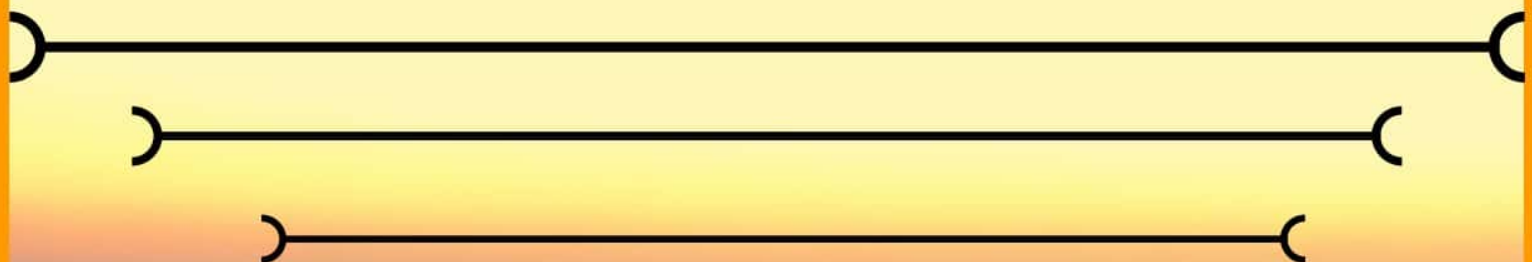
But science need communication and especially the publication process has been transformed as well . The crisis acts as a catalyst for acceleration , as the time to comply with established quality control structure for research results and publications is no longer available due to pressure from political decision - makers who have to turn these scientific findings into effective measures.

On the one hand this increases the responsibility of scientists , but on the other hand it has led to an unprecedented transparency offensive to share scientific results in the COVID - 19 environment worldwide. Already at the end of January(!) 2020 the Wellcome Trust published a Call for Action[1] , which encourages researchers , publishers and supporters to make their research results available quickly & openly . And to the present day , a large number of initiatives have been launched to support this call . At this point I would like to highlight only two initiatives:

- 1- Open AIRE [2] : a curated collection of research results , data , projects and software made centrally available on the Zenodo repository , and
- 2- SPARC Europe [3] as a regularly updated collection of blog posts ,articles, calls and open access resources on COVID-19 .

In these times when openness and transparency have become such essential features of scientific collaboration ,work should continue on sustainable solutions and structures beyond the crisis period. The reflex must be followed by reflection on what we can learn from the crisis and take with us into the time after it as a society and as science . The pandemic will not simply pass . We will observe long-term consequences in health care , economic development & social interaction,as well as in the way science & research will be managed in the future . University education , scientific exchange at conferences and meetings , research collaboration and also the publication system will be changing ,& teachers and researchers at universities will have to be prepared for this.

- 1) <https://wellcome.ac.uk/coronavirus-covid-19/open-data>
- 2) <https://www.openaire.eu/openaire-activities-for-covid-19>
- 3) <https://sparceurope.org/coronaopensciencereadsandusecases/>



COVID 19 PANDEMIC TIMES



Arvind Francis

**Asstt. Secretary General & Head HR
FICCI, New Delhi**

The COVID-19 pandemic , also known as the coronavirus pandemic , is an ongoing pandemic of coronavirus disease 2019 . The outbreak was first identified in Wuhan, China, in December 2019. The World Health Organization declared the outbreak a P-ublic Health Emergency of International Concern on 30 January , & a pandemic on 11 March.

As of 17 May 2020, more than 4.63 million cases of COVID-19 have been reported in more than 188 countries & territories , resulting in more than 311,000 deaths . More than 1.69 million people have recovered . As of 17th May ,2020 India has more than 91,314 cases of COVID-19 resulting in 2897 deaths and more that 34581 have recovered.

On 24 March 2020, the Government of India under Prime Minister Narendra Modi ordered a nationwide lockdown for 21 days , limiting movement of the entire 1.3 billion population of India as a preventive measure against the COVID- 19 pandemic in India. On 14th April,2020 the lockdown was extended till 3rd May,2020 & then it was again extended to 17th May,2020.

The pandemic has caused severe global economic disruption, including the largest global recession since the Great Depression . Industries in the area of essential commodities or essential services were allowed to function during this lockdown period. All the other industries were forced to close down operations. The Indian economy in absence of any economic activities is grappling with crisis. The industries which are seriously hit are the Tourism & Aviation Sector Media and. Entertainment sector, Retail, Consumer Durables. The MSMEs sector has been badly hit due to this pandemic.

Despite the above challenges global pandemic has single handedly ushered in adoption of digital tools and technologies for working , learning and doing . It has set digital transformation and employees are following a prolonged work - from - home operating model for the first time , which is causing behavioural & attitudinal change. All the leading organizations are advising employees to adopt simple health measures during this prolonged shutdown to be physically & mentally upbeat across industries and geographies at scale . It has also raised a pertinent question on our 'readiness' to transition to digital 'everything' and adapt to the new normal.

During this pandemic time most of the organisations are grappling with cash flows . Today cash is king, & organisations should be very cautious & judicious in spending. People in our organisation is absolutely crucial as they are the one who creates the difference . Their well being , psychological safety & team work is what matters. There are lot of supply chain issues which need to be seriously looked into for restarting business post lockdown.

In current times since problem points are shifting therefore organisations should practice distributive leadership . The leadership should be resilient, adaptive to new changes, innovative.

The coronavirus isn't going away. And even when there is a vaccine, the risk will endure, & organisations will have to adapt resilience for survival . Business Continuity will become a main focus area . White collar workers will have discovered that they don't have to do as much commuting as before. Air travel will go back to being a luxury. And so on.

A useful metaphor for the new normal will be what happens when driving a car on black ice. The worst thing to do is to slam on the brakes , because then you completely lose control . Instead you pump them – brake a little, then back off and repeat the process until back on gritty tarmac. Our immediate futures will be like that : a combination of what some people are beginning to call “the hammer and the dance” – the hammer of successive lockdowns followed by digital dances in which we use surveillance and testing to find and control outbreaks. We are heading into a cautious, rather than a brave, new world.

Challenges can either be looked at as threat or as opportunities . It all depends on the individual's or organization's capability to respond to them. “The current global health crisis could be an opportunity for many organizations , ” We need to build a far more resilient world . We must strengthen global institutions and build a pandemic-ready healthcare system and pandemic -ready industries that can adapt rapidly and continue to operate under stress. Six technologies-artificial intelligence, blockchain , sensors , autonomous machines , augmented reality , and 5G and satellite constellation networks will combine to create incredible new products & services , revolutionize business operations, elevate human work, & serve customers in new

ways.

Organisations will have to think differently, act differently or even venture into new areas. The future of workplace is changing, the nature of jobs are changing, the way we perform our jobs are changing . The organisations post lockdown are moving towards new normal. Lot of deliberations and interventions has already started among experts & business leaders on what will be the new normal .It is only time which will tell us the new normal for us. One thing is for sure that organisations which develops the capability in resilience, Agility, innovativeness & perseverance will be the leaders of the future . Organisations will have to Reboot -Reinvent & Reignite to overcome the current situation .

Somebody has rightly said “ Victory is not won in miles but in inches . Win a little now, hold your ground & later win a little more. I am sure we will together come out victorious through this pandemic.



How technology can help to overcome during Pandemic



Dr. Ashish Seth
Professor,

**School of Global Convergence Studies (SGCS),
Inha University, South Korea.**

Today we all are facing challenges of Pandemic .With no prior notice, our life got stuck & most of our activities shifted to stay -at -home mode. Though,our technology has reached to level where we are planning to live life at other planets , but still we are much affected by this covid-outbreak, it has badly impacted on economy and development infrastructure of our country . We still cannot get a clear picture that when we will completely overcome this challenging time . This tough situation has shown us new dimensions to work on . Things are uncertain but these kinds of uncertainty may just be the best thing that could have happened to the blockchain industry .Blockchain technology has a lot to offer,& the Covid-19 spotlight can increase its adoption across various industries. Out of many possible areas of Blockchain , I would like to mention one important area which is very relevant to this pandemic time, i.e. Supply Chain Management.

COVID-19 crisis has caused major disruptions across global supply chains. Many factories have shut down due to safety concerns and there is unprecedented demand for certain goods, especially medical supplies like medicines, PPE kits, tracking health of patients, charity donations, managing plasma funding etc. This high demand forces many users to source supplies without knowing their origin or quality. Blockchain can connect all stakeholders in a supply chain and provide a single source of truth. It provides transparency & guaranteeing security. Blockchain based supply chain provides immutable details of any product, where they come from, or how the product has passed many phases to reach to the user. It details the entire product journey from the manufacturers to various distributors then to retailers and finally to end user. Blockchain ensures quality, traceability, transparency and reliability in supply chain process.



Pandemics : our Frenemy



Sinisa Rudan

**Electrotechnical Faculty, Belgrade,
Serbia, Europe**

The moment when everybody, from governments to individuals, is looking for ways to return to the previous normal (state) , might be the moment for asking ourselves is that normal the one we should return to ? Did and how did the previous normal state contribute to the “new normal”?

Not only are the crises moments to question current ways of action, including socio-economic paradigms, but this time the crisis might have offered an economic incentive for even the hardline neoliberal capitalism thinkers to make a change. Namely, reducing socially responsible spendings, spending on public health services , had been motivated by economic reasoning , among others , including increases in profits . Nowadays , we may not only search for the causes of economic slowdown in the level of lethality of the virus , especially compared to pandemics like Spanish Influenza , but the lethality of lack of medical personnel , lack of ICU beds & protection gears (Arabi , Yaseen M et al, 2020) . Isn't this an incentive to prevent profit losses of next pandemics or the announced autumn wave of coronavirus by investing more in health and social protection?

Economic losses (not to mention life losses) of the next pandemics will not be prevented by “quick” solutions. Working on a cure or / and the vaccine for the

coronavirus must not be the only approach .Even though this approach return investments sooner&even brings profits to the pharmaceutical industry, there are several shortcomings . The months or a year will pass before the vaccine potentially declines life losses and the economic slowdown . In addition, virus strain (used for vaccine creation) that crops up in one outbreak might be quite different from that in a later outbreak , leading to vaccines not protecting us (Yang, Z. Y et al, 2005).

Let us hope that the policymakers will not go for a short - term magic pill this time , and will address long term issues of the health sector . This time , they have an economic incentive for this.

This might be one of the positive outcomes of the ongoing crisis for the poor ones . Without investing in their health and solving other societal issues that cause them not being able to follow disease - spreading directions , humanity as a whole cannot restrain the disease . Accordingly, health service should be democratized, more inclusive ; vaccines cannot replace the shortage of health workers . The fact that the Universal health coverage (UHC) is now more than ever needed is validated by failures of neoliberal healthcare systems (Gaffney , A , 2020) , (Price , Rebecca Anhang, et al, 2018), which was predictable from the lens of disaster capitalism (Klein , N , 2007) . The United Nations already endorsed a resolution A/67/L.36,2012, urging countries to accelerate progress toward UHC , with the achievement of UHC explicitly incorporated into the SDGs 3 targets (Armocida et al, 2020).

Next to the health service , ICT Services played a crucial role . How would this lockdown function without all the technology we had on our disposal ? More businesses would stop . Essential services would not function ; education would stop . However , it propelled crucial social changes; the telecommuting stopped being a “privilege” of few , online teaching has been forced upon the most conservative professors . Some of these changes won't reverse . I've got reports from some companies that they're not going back to regular office work after the crisis.

The pandemic mightskyrocket another tectonic socio-economic fracturing-for quite some time workers are afraid of their jobs being replaced by robots . By the ongoing robotization, their fears are all but calmed down.The promise was that these processes would exempt us from hard / dirty work , enabling us to focus on more creative and intellectual activities. Nevertheless, the continual development in Strong AI might lead to nothing being left for us humans to do (better than machines). This increases fear & opposition toward these processes . Only a primordial fear could overcome that fear, & the pandemic caused us to look at people as viral reservoirs , to look at people with more fear than machines. The ITC technology and machines have not only been employed to deliver goods , but for a range of activities up to monitor our compliance with

lockdown rules (Bagoji, I., & Bharatha, A, 2020), (Shaw, R., Kim, Y. K., & Hua, J, 2020) .The virus also led to several stoppings of production lines, thus increasing shortages in medical gears&necessities, inducing more fear. If the robots were in production lines instead of humans , they would keep producing . So? So , all the mentioned might lead to our " forced " acceptance of previously unacceptable changes and the faster replacement of human work force from multiple activities. Moreover , we should not doubt that the capital owners would favour this over the mentioned investments in the health system to protect the workforce.

In parallel to these sectors , we can expect the speed up of virtualization and " remoteness " of other " soft " areas of our lives , as entertainment and even aspects of the hospitality industry . Further virtualization and sterilization of human contact would lead to even deeper fractures of socio - cultural tissues and consequences on mental health. In any case, socio-psychological aspects in all these changes (virtualizations) will have to be addressed - for example, distant learning will have to expand from the knowledge transfer to advanced feedback / monitoring loops , building of deep experience , embodiment , interactivity, playfulness, team-building, while we still struggle with mitigation of lack of essential services (COVID-19 Educational Disruption and Response - <https://en.unesco.org/covid19/educationresponse>)

The Highlight would be " The COVID-19 pandemic calls for spatial distancing and social closeness: not for social distancing!" (Abel, T., & McQueen, D (2020) One of the winners of the pandemics is the environment . Could progress in this field motivate us to consider our consumerism habits , especially in the Anthropocene era when consumerism takes the lead in the destruction of the environment ? The pandemic has shown us : We are ready to make many sacrifices and to give up luxury, for the sake of our health -Are we ready to do the same for the sake of the health of our planet?

Maybe, yes, after the results showing that increases in pollution are associated with increases in cases and deaths from COVID - 19 (Conticini et al ., 2020) , (Persico et al., 2020).

In conclusion , sustainable development and holistic approach should not be avoided in the era of pandemics . We can also conclude that the mentioned tools for pandemics handling are our frenemy . Without moral , ethical , and empathic considerations , we cannot rely on them . This leads us to a multi-disciplinary approach - both sides of the (collective and individual) mind , artistic/emotional scientific/rational should be involved in solving the ongoing crisis. While medical personnel saved our physical health, the work created by artists and cultural workers preserved our mental health . I would rely on that artistic side of mine to deliver the wrap - up call to consciousness through a poem of mine, written 15+ years ago, yet depicting the current crisis and being performed online during ongoing lockdowns :

Cages for Voices

Four walls
that make
home
fit four walls
of another tiny world
and with thousands of walls
into four cold walls
of a huge building

Four walls
fit with thousands of walls
that pulsate in the rhythm
of thriving and dying out lives
into four cold walls of a huge
building.

Monolith cube
- Cage for Voices!
Monolith
cubes!
- Cages for Voices
shining from the battle
of not letting the Sun
purge their pale bowels

that digest the opposites

Screaming and Death
are choked
by Birth and Laughter

Thousands of Screams
Thousands of Laughs
in a battle

Whereas outside
- The Silence
And cold smooth Walls

Citizens! Citizens! Citizens!
Citizens of crystal fortresses
Builders of crystal
imprisonments
unconscious of your own
unconsciousness and
worthlessness
outside the mechanism
you tear down the walls with
roars and crying

Whereas outside
The Silence
And intact icy Walls.

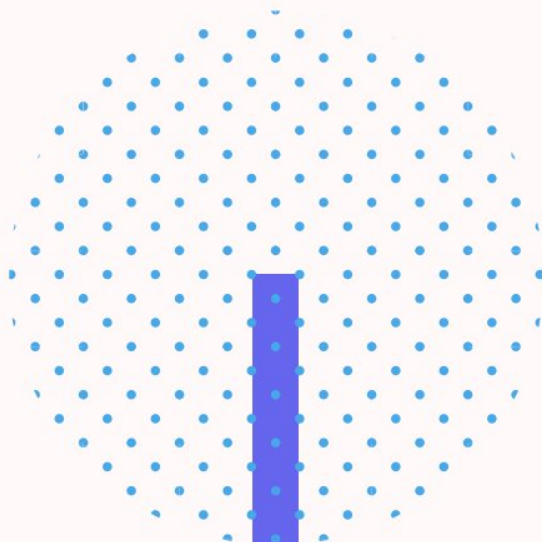
The World swings
happily
in a crystal glass
filled to the brim.

unconscious of our own
unconsciousness





ALUMNI SPEAKS





**PRIYA MITRA,
IT(2010-2014) BATCH,
UTTAR PRADESH RAJYA
VIDHYUT UTPADAN
NIGAM LIMITED
(UPRVUNL), SHAKTI
BHAWAN, LUCKNOW.**

I still remember that it took me so much time to convince my family to allow me pursue my B.Tech in a different city almost 500kms away from my hometown. However it proved to be one of the best decision of my life to graduate from an esteemed and renowned instution like IMS Engineering College.

Not only it imbibed in me a will to succeed in life but also evolved my personality, interpersonal and decision making skills.

But as we all know, college life is not only about the education and skills we intake but a part of life which can nver be replicated for the whole lifetime. Here I met lifelong buddies, had memorable days and learnt how to be caring, generous and a team player. Special mention and thanks to all the faculty of IT department who along with all my colleagues were like second family away from home. Slowly and gradually I realize how this college has helped shaped my future and made me into a better being. I am and always will be proud to be a part of this college .



**KASHISH AGARWAL
IT (2011-2015) BATCH ,
BID MANAGER, TCS,
NOIDA.**

Considering the position where I am presently working and remembering the time, I would like to highlight that my graduation from IMS Engineering College helped me to learn some very important life lessons without which I would not be the person that I am today.

I would like to thanks the amiable environment provided by the college and more importantly the IT Department. The years spent in college were very critical for my individual growth taking into account it was the first time I was away from my family but it was all made easier made by my friends and the teachers who were always there to help and provide their insightful suggestions. I learned how to maintain network through hostel experience and the importance of clear communication through class sessions of IT dept. Team work, project management skills and learning from failure were learnt during the project sessions which were completed in 3rd and 4th year of college term in my department. Thanks to IMS, for teaching me life lessons along with the technical expertise!!



KESHAV MAHESHWARI
IT(2011-2015) BATCH
TCS, PUNE.

Nonetheless, college life remains a memorable time for all of us. Not everyone is lucky enough to experience college life as I spent in IMSEC. I always look back at the times spent in the college canteen. It was considered the hub of every student where they enjoyed eating and chatting away with their friends. My best buddies of my life are my college friends.

However, in IMSEC IT department, the teacher-student relationship becomes a bit informal. They become more or less like our friends and we share our troubles and happiness with them as we did with our friends. They might scold us for our mistakes but it will take no longer to realize that those scoldings were not less than a blessings. I can assure that the day you leave the college you will be having enough in your bucket to face any challenges around with positive and calm attitude and if you fail the faculty will always be there for your guidance.



DEEPANSHU AGGARWAL
IT(2014-2018) BATCH,
SOFTWARE
DEVELOPMENT
ENGINEER IN
SAMSUNG RESEARCH
INSTITUTE, NOIDA

IMS Engineering College is a platform to nourish ourselves with knowledge and corporate elegance. The four years spent in IMS has transformed my thoughts to get in connect with the modern world, and adapt to the environment leading to the gateway of success. The mentoring by the faculties ensures to bridge the gap between the campus and corporate thereby providing the opportunity to taste the fruits of success. IMS family gave me the opportunity and exposure to bring out the best in me. This is the place I have learned to sharpen my inner abilities to fight for excellence. I'm Proud to be IMS graduate.



**AKANKSHA
MADDHESHIYA
IT(2014-2018) BATCH,
SOFTWARE DEVELOPER
IN TATA CON
SULTANCY SERVICES,
CHENNAI**

College life is always that one section of life which we always cherish and so do I. All those years spent in IMS was a major marking points in my life. I learnt many major aspects and experiences in IMS. I will value them all throughout my journey which actually started from IMSEC. I really appreciate my IT Department to make it more exciting in terms of technicality and professionalism. Today, I, view it as a lovely journey of my four years filled with learning in all prime pieces of life.



Lit Drops

The Heart Of The Tree

**What does he plant who plants a
tree?**

**He plants, in sap and leaf and wood,
In love of home and loyalty
And far-cast thought of civic good**

—

**His blessing on the neighborhood
Who in the hollow of His hand
Holds all the growth of all our land**

—

**A nation's growth from sea to sea
Stirs in his heart who plants a tree.**

इंसानियत

सिर्फ अपनी सांसे सबको प्यारी हो गयी
इंसानियत के मरने की पूरी तैयारी हो गयी
क्या हासिल करोगे जीत कर दूसरों से
जब अपनों से ही मात करारी हो गयी
ताजी हवा परेशान करती है जिस्म को
सबकुछ जीवन में अब तो चारदिवारी हो गयी
मौत ही असल हकीकत है जीवन की
क्यों सबको इतनी जानकारी हो गयी
माँ बाप भाई बहन सब मतलब के रिश्ते हैं
शायद जानवरो सी नस्ल हमारी हो गयी
मजा आता नहीं अब तो किसी भी बात पर
गुम कहीं वो बच्चों की किलकारी हो गयी
मंदिर मस्जिद क्या आम क्या खास सब कुछ
बेदर्द दौलत की दीवानी दुनिया सारी हो गयी
ज्यादा कमाने की अंधी हवस में प्यारों
खुद की कीमती सांसे ही हम पर भारी हो गयी
हर एक साँस को जन्म देने वाली देवी
इज्जत को मोहताज बेचारी नारी हो गयी
इश्क करना इश्क फैलाना आदत है मेरी
क्यूँ तुझको अ नीरज ये अजब बीमारी हो गयी

Make In India

Make in India campaign was launched by the Prime Minister Narendra Modi on 25th of September in 2014. It is an initiative to make a call to the top business investors all across the world for investment in India. It is a big opportunity for all the investors to set up their business in any field anywhere in the country. This attractive plan has resourceful proposals for foreign companies to set up manufacturing units in India. Make in India campaign launched by the Indian government focuses on building effective physical infrastructure. It also meant for improving the market of digital network in the country to create a global hub for business. The symbol of this initiative is a giant lion having many wheels. This indicates peaceful progress and way to the vibrant future of the country. A giant walking lion with many wheels represents courage, strength, tenacity, and wisdom.

NEWSWORTHY



CURRENT AFFAIRS

India, Israel discussed joint research & development for COVID-19 diagnosis

Israel's PM Netanyahu and PM Modi had earlier held discussions in March 2020, on the outbreak of COVID-19 pandemic along with its possible impact on the supply lines in Israel.



Indian-origin Siddhartha Mukherjee appointed to Commission on Economic Recovery of New York

Pulitzer Prize-winning Indian-American physician Siddhartha Mukherjee and compatriot higher education leader Satish Tripathi have been named by New York Governor Andrew Cuomo among members of a commission that will focus on plans to jumpstart the state's economy badly hit by the COVID19 pandemic.



Four Indian cosmonauts resume their training for Gaganyaan Mission in Russia

The four cosmonauts shortlisted for Gaganyaan, India's first manned space mission, have resumed their training in Russia after it was put on hold due to COVID-19 scare.



CURRENT AFFAIRS

Government of India launched the “Krishi Rath” application to help farmers to transport their agriculture produce to the mandis.

As the harvesting of rabi crops like wheat pick up, Agriculture Minister Narendra Singh Tomar on Friday launched the 'Krishi Rath' mobile app to facilitate farmers hire trucks for hassle-free transportation of agri-produce to mandis during the ongoing Covid-19 lockdown.



Gol: Rapid Antibody Tests to be used strictly for surveillance

With 5 lakh rapid antibody kits being imported from China, the government has ensured its citizens that they will only be used for surveillance purposes. This will help in formulating protocols for testing. This is being done as antibodies are formed on persons' body only after 8 days a person is infected. Therefore, the test will be positive only in 80% of persons who had been infected.



NEWS & POLITICS

1 INDIA'S RS 20 LAKH CRORE COVID RELIEF PACKAGE ONE AMONG THE LARGEST IN THE WORLD

The Rs 20 lakh crore package includes Rs 1.7 lakh crore package of free foodgrains to poor and cash to poor women and elderly, as well as RBI's liquidity measures and interest rate cuts. The combined package works out to roughly 10 per cent of the GDP, making it among the most substantial in the world after the financial packages announced by the United States, which is 13 per cent of its GDP, and by Japan, which is over 21 per cent of its GDP.



2 GOVT IMPLEMENTED ONE NATION, ONE RATION CARD

Govt Implemented One Nation, One Ration Card to help migrants in distress and cut corruption. The technology driven platform that makes it possible for ration cards to be used across India will enable everyone, including migrant workers, to draw their monthly quota of grains and pulses from anywhere in the country.



NEWS & POLITICS

3 DR HARSH VARDHAN ELECTED AS WHO'S EXECUTIVE BOARD CHAIRMAN

India elected chair of WHO's Executive Board Dr Harsh Vardhan, Minister of Health and Family Welfare, India, has been elected the Chair of World Health Organization's Executive Board. Dr Harsh Vardhan addresses the 147th WHO Executive Board session as its Chair. The session was held virtually.



4 STUDENTS CAN NOW PURSUE 2 DEGREE COURSES SIMULTANEOUSLY

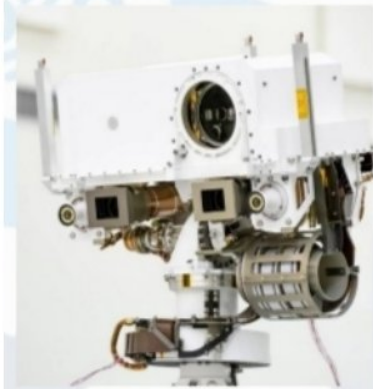
UGC has approved a proposal to allow students to pursue two degree courses simultaneously. In a move to improve their career prospects, the University Grants Commission (UGC) has approved a proposal to allow students to pursue two degree programmes at the same time. One of the degrees has to be in the regular mode and the other either in open and distance learning or online. A student can pursue two degrees in different streams as well as from different institutions. S/he may also opt for the same institution, provided it offers multiple mode of learning.





Astronomers discover 'one in a million' Super-Earth

Astronomers at the University of Canterbury (UC) have found a new "one in a million" Super-Earth planet towards the genre of the galaxy. The planet-hunters' research has been published in The Astronomical Journal, which states that the size and orbit of this planet are comparable to that of Earth.



NASA's Perseverance rover has superhuman vision that surpasses Curiosity's eyes

Mastcam-Z will provide 'superhuman vision' to view the landscape in a variety of colours (wavelengths of light), including some that can't be detected by the human eye. "Its Mastcam-Z instrument packs a next-gen zoom capability that will help the mission make 3D imagery more easily," NASA said in a press release.

Scientists seen a ray of hope in the corona havoc, know how T-cell will save patients from death

Scientists looking to hail the corona have seen a silver lining. It has been shown that the number of immune cells (immune cells or T-cells) decreases significantly in people who are seriously ill with corona. UK scientists are testing whether people can be saved if T-cell numbers are increased. This remedy has been very effective in many other diseases.



Exceptionally Rare 'Cosmic Ring of Fire' Galaxy Spotted 11 Billion Light-Years Away

An extremely rare "cosmic ring of fire" has been discovered by astronomers located 10.8 billion light-years away from the Earth. It is actually a gigantic galaxy that has the shape of a ring in which stars are forming at a very rapid pace, thus truly making it a ring of fire. As per the scientists, it is the first one ever "collisional ring galaxy" located in the early universe and it took this shape after a massive collisional between two galaxies.

SPORTS

BADMINTON: INDIAN OPEN OLYMPIC-QUALIFYING TOURNAMENT TO BE HELD IN DECEMBER 2020

The Olympic-qualifying India Open badminton tournament, which was postponed due to the COVID-19 pandemic, will now be held here from December 8 to 13 after the BWF unveiled a revised calendar to salvage the disruption-hit season.



PLAYERS CAN VISIT HOME BUT WILL HAVE TO SERVE QUARANTINE PERIOD UPON RETURNING: HOCKEY INDIA



"Homesick" players can go back to their natives but will have to serve a 14-day mandatory quarantine period before rejoining camp, according to the Hockey India SOP for the national teams based at SAI South Centre in Bengaluru.

IPL 2020 SUSPENDED TILL FURTHER NOTICE

Due to the evolving global health concerns regarding COVID-19 and lockdown measures implemented by the Government of India to contain the spread of the pandemic, the IPL Governing Council of the BCCI has decided that the IPL 2020 Season will be suspended till further notice



SAI RESUMES SPORTS ACTIVITIES IN CAPITAL'S JLN AND NATIONAL STADIUMS

The Sports Authority of India (SAI) on Tuesday started activities in two out of its five stadiums in the national capital after the central government green lighted resumption of outdoor sports in a phased manner.

Department News





During the ongoing nationwide lockdown, the faculty members of IT department continued teaching the students using various online ICT modes. They took various online tests as well. Dr. S. N. Rajan and Dr. Avdesh Gupta also uploaded their video lectures on university ERP so that their video lectures became available to all the students across the AKTU affiliated colleges. University acknowledged their effort and gave away a certificate of appreciation to them.



DEPARTMENT OF INFORMATION TECHNOLOGY INVITES YOU TO



WEBINAR ON ADOBE SPARK

Date: 7th May 2020 At 11:00 AM



BY- :
MR. SURAJ SHETKAR SR. BUSINESS DEVELOPMENT
MANAGER AND SR. TRAINER FROM JUANA
TECHNOLOGIES, PARTNER OF ADOBE

Adobe under the program Adobe Digital Disha is happy to introduce the Webinar for educators and Students, powered by Adobe Spark. Adobe Spark is an integrated suite for the mobile and web developed by Adobe Systems. It comprises three separate applications: Spark Page, Spark Post, and Spark Video.

The main objective of this webinar is to help educators and students to learn Adobe Spark to foster Digital Literacy and Creativity Skills of the students.

**Mr Suraj Shetkar,
Sr. Consultant of
ADOBE, organized
a Webinar on
ADOBE SPARK for
the students of IT
on 7th May 2020.**

**Mr Gulshan
Prasad, Sr. Con
sultant from
REDHAT organ
ized a webinar
on Open Source
& Redhat Certi
fication for the
students of IT
department on
8th May 2020.**



DEPARTMENT OF INFORMATION
TECHNOLOGY INVITES YOU TO

Webinar on "OpenSource, Red Hat and Certifications"

Red Hat is the world's leading provider of open source software and solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Operating System (Red Hat Enterprise Linux®), and middleware technologies (such as JBOSS Application Server). Red Hat has been a staple of private, state and federal enterprise information systems for 15 years, providing stable, robust and efficient solutions for industries, organizations and educational institutions worldwide.

Join the Red Hat expert over webinar for discussion on various cutting edge technologies of Redhat. It will impart knowledge about the core of the Red Hat OpenSource verticles.



Speaker Profile:
Mr Gulshan Prasad
Senior Technical Consultant, RedHat
Have 6+ years of experian in handling clints like Immigration Department-
Australia, AWS-Riyadh, Bank of Sudan, Ericsson, Vodafone, Orange, MTN-Liberia
Wipro, HCL, Titan, MSN-USA, TCS, IBM and many more.

DATE OF WEBINAR: 08-05-2020
TIMING: 1-2PM



Coursera has launched various online certification courses for the faculty members and students of Information Technology department. Various students and almost all the faculty members are doing online certification course on different subject areas of Information Technology.

IMS Engineering College

DEPARTMENT OF INFORMATION TECHNOLOGY



IMSEC- Corona Warrior Hackathon

(An initiative of Information Technology Department)

SocialDistancingBut
SteppingTogether



Suggest innovative, technologically supported and economically feasible ideas for :

1. Maintaining Social Distancing in place of mass gathering like:

- a) Hostel & Hostel Mess
- b) Class Room, Labs & Library
- c) College Canteens

2. Mass scale sanitization of places and for all incoming students, faculty members & staff.

3. Alternative measure of Infrared Spot Thermometer/Thermal Screening.

Important Dates :

Registration Opens:

4th May 2020

Ideas Submission Deadline:

12th June 2020

Result declare:

19th June 2020

Final Round:

Date will be announced after result declaration.



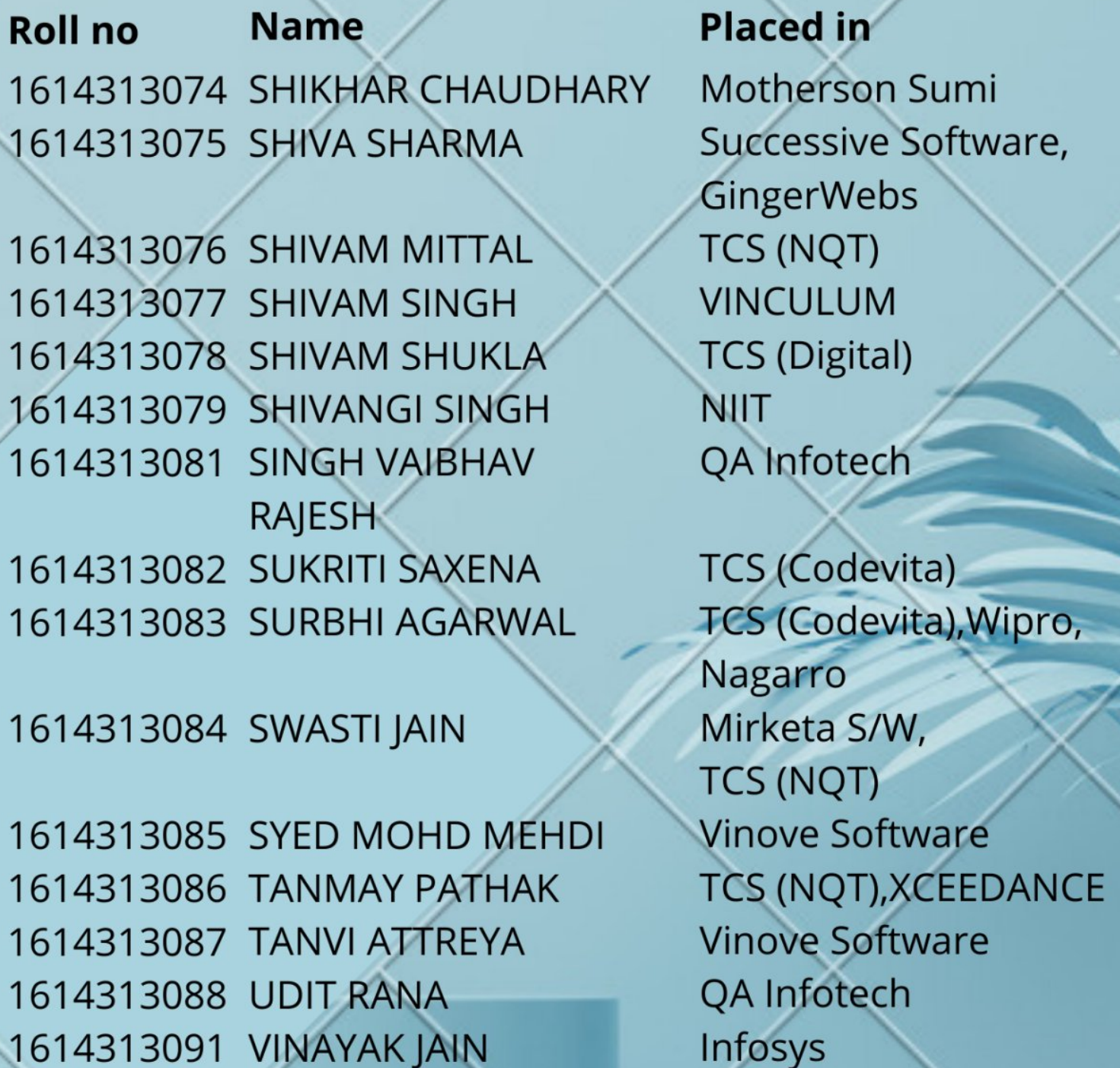
- There will be two stages of competition
- 1. Ideation: Presentation of idea in the form of paper containing detail literature survey, related data and proposed process.
- 2. Prototype development: The candidate whose ideas will get shortlisted can develop & present their prototype when college reopens.

Information Technology department has launched Corona Warrior Hackathon-2020 and has invited all the students of IMSEC to participate with their innovative ideas and solutions.


PLACEMENT DETAILS

Roll no	Name	Placed in
1514313045	AYUSHI SRIVASTAV	VINCULUM
1614313002	AAYUSH BANSAL	GINGERWEBS
1614313004	ABHISHEK TYAGI	NUCLEUS SOFTWARE
1614313006	ADITI CHAUDHARY	TCS (CODEVITA), COGNIZANT
1614313007	AMRITANSHU DWIVEDI	TCS (NQT),WIPRO
1614313008	ANMOL RAJPUT	TCS (NQT)
1614313011	ANSHUL SHISHODIA	XCEEDANCE
1614313012	ANUBHA GARG	NIIT
1614313013	ANURAG YADAV	APPLICATEAI
1614313014	ARCHIT SAXENA	COGNIZANT
1614313016	ASHIRWAD VASHISTHA	OPTIMUS,NIIT,INFOSYS
1614313017	ASHISH KUMAR JHA	TO THE NEW
1614313018	ASHISH KUMAR SANDHU	ASNS MEDIA
1614313019	ASHUTOSH DIXIT	VVDN,WIPRO
1614313021	BHAWANA TOMAR	WIPRO
1614313023	DHARMVEER SINGH	TCS (NQT)
1614313024	DINESH UPADHYAY	TCS (NQT)
1614313025	FAREED UZ ZAMAN	SUCCESSIVE SOFTWARE
1614313026	GARIMA SRIVASTAVA	VVDN,INFOSYS
1614313027	GAURANG JINDAL	TOTORBRO PVT LTD
1614313028	HARSHIT GUPTA	TCS (NQT)
1614313029	HARSHITA VIJAY	VINOVE SOFTWARE
1614313030	HARSHITA SRIVASTAVA	TCS (DIFFERENTIAL)
1614313031	HIMANI PANWAR	INFOSYS
1614313032	HIMANSHU TEOTIA	VVDN

Roll no	Name	Placed in
1614313033	KASHISH GARG	OPTIMUS
1614313034	KHUSHI JAIN	VINCULUM
1614313036	LOVNEESH VIJ	TCS (NQT),COGNIZANT
1614313037	MANVENDRA SINGH	SUCCESSIVE SOFTWARE
1614313038	MAYANK GUPTA	TCS (NQT), VINOVE SOFTWARE,NIIT
1614313039	MD IMRAN KHAN	WFX
1614313040	MEGHA BATRA	TCS (CODEVITA)
1614313044	MUKESH KU PRAJAPATI	MOTHERSON SUMI
1614313045	MUKUL BHARDWAJ	QA INFOTECH
1614313047	NANCY KULSHRESTHA	TCS (NQT),OPTIMUS,
1614313050	NIKHIL GARG	AVIS E SOLUTIONS INFOSYS
1614313051	NITESH KUMAR VERMA	TCS (CODEVITA)
1614313052	NITIN KUMAR	XCEEDANCE
1614313053	OMISHA SHARMA	TCS (NQT)
1614313057	POORNIMA RAI	MOBELIZEON,INFOSYS
1614313059	PRANJAL AGARWAL	XCEEDANCE
1614313060	PRASHANT BRAHMBHATT	TO THE NEW
1614313062	RAGHURAJ VERMA	QA INFOTECH
1614313063	RISHI CHATURVEDI	GINGERWEBS
1614313064	RIYA GUPTA	VINOVE SOFTWARE, XCEEDANCE
1614313065	RIYA YADAV	VINOVE SOFTWARE
1614313066	SACHIN GUPTA	QA INFOTECH
1614313067	SAJAL SHARMA	NUCLEUS SOFTWARE, SUCCESSIVE SOFTWARE
1614313071	SAURAV SINGH	COGNIZANT



Roll no	Name	Placed in
1614313074	SHIKHAR CHAUDHARY	Motherson Sumi
1614313075	SHIVA SHARMA	Successive Software, GingerWebs
1614313076	SHIVAM MITTAL	TCS (NQT)
1614313077	SHIVAM SINGH	VINCULUM
1614313078	SHIVAM SHUKLA	TCS (Digital)
1614313079	SHIVANGI SINGH	NIIT
1614313081	SINGH VAIBHAV RAJESH	QA Infotech
1614313082	SUKRITI SAXENA	TCS (Codevita)
1614313083	SURBHI AGARWAL	TCS (Codevita),Wipro, Nagarro
1614313084	SWASTI JAIN	Mirketa S/W, TCS (NQT)
1614313085	SYED MOHD MEHDI	Vinove Software
1614313086	TANMAY PATHAK	TCS (NQT),XCEEDANCE
1614313087	TANVI ATTREYA	Vinove Software
1614313088	UDIT RANA	QA Infotech
1614313091	VINAYAK JAIN	Infosys

The background image shows a classroom with wooden desks and chairs, a green chalkboard, a whiteboard, a clock, and a bulletin board. A large blue diamond with a yellow border is centered over the image, containing the text 'STUDENTS' OPINION' in white serif font.

STUDENTS' OPINION



SURBHI AGARWAL
4TH YEAR
IT
TOPIC - CURIOSITY : A
PROPULSION TO
EXPLORATION

What compelled the discoverers discover new things? What compelled the inventors invent new things? The answer is just a one word- Curiosity. When Warren Buffett and Bill Gates first met in 1991, Gates' father asked each of them to name their most important trait. "Curiosity", each one of them answered. Around 15 years later, during a talk at Columbia University, Buffett explained that nothing had changed. "We both certainly share a curiosity about the world," he said. Other legends, from Albert Einstein to Eleanor Roosevelt to Walt Disney have all touted the importance of being curious. "I have no special talents," Einstein famously said. "I am only passionately curious." Curiosity has played a monumental role from intellectual development to the discovery of new world. As a study in the journal Neuron explains, states of high curiosity enhance not only learning of interesting information, but also learning of incidental material. So curiosity can make a student perform exceptions and surprise the world.



PALAK KAPOOR
3RD YEAR
IT-2
TOPIC - IMPACT OF
COVID19

Normal life of people is likely to be redefined in post-coronavirus phase when lockdown is lifted and the masses resume their daily routine.

- ° Everybody will be advised to wear mask while going out.
- ° Social distancing that is being practiced by a large number of people at public places should not go out of habit. Novel coronavirus is now a human virus. It is here to stay, possibly for decades if not forever, much like HIV, dengue and influenza viruses.
- ° Basic hygiene rules learnt during the times of coronavirus outbreak and lockdown must not be forgotten. It would be wise for everybody to carry a first-aid box all the time that contains a soap bar, a pair of face masks, a pair of hand gloves, a vile of sanitiser. That will be a post-coronavirus civilisation.

SOCIAL DISTANCING

A key concept of social distancing is slowing the spread of the epidemic in order to "decrease the pressure on the health care system.

Staying home as much as possible and avoiding crowded spaces even if you are young, healthy and symptom free. Limiting human contact reduces transmission rates.

The sooner social distancing measures are introduced, the slower infection rates will be, preventing an unmanageable peak of cases.



SHAIFALI KALRA
2ND Year
IT-2
TOPIC - OUR FACULTY
CONCERNS IN
LOCKDOWN

As the world is fighting against the COVID-19 outbreak, more than 130 countries have now closed schools and colleges nationwide, this is unprecedented; the world has never seen these many students out of institution at the same time.

The coronavirus pandemic and the ensuing lockdown has forced institutions across INDIA to temporarily shut and this move has created a big gap in the education system despite of this our IMS Engineering College has taken good care of that our studies are not getting effected. In any way our college faculty is so concern that the "Online Lectures", "Webinars", "Lecture Notes" have been provided on the daily basis along with Online Quizzes and Assignments submission which are very beneficial for our study at home. I am blessed with this opportunity to be a part of this ambiance. I am really very grateful to our Management, Director sir, HoD of IT department and all the Faculties members that they are doing their best. So that we all can study at our homes and can-do upcoming University exam preparations even we are not in the college.

Hope, the whole world will overcome this crisis very soon.
BE SAFE, STAY AT HOME....

UPCOMING EVENTS

TRISHUL '20

Trishul'20 is "the tech-carnival" of HNB garhwal university, to be conducted with all types of technical events and competition ranging with 20+ nearby engineering colleges and universities. Mark your presence !

EVENT START DATE - TUE, 01 SEP '20

EVENT START TIME - 00:00 AM

EVENT END DATE - WED, 30 SEP '20

EVENT END TIME - 11:59 PM

CODE GLADIATORS

Code Gladiators is an annual coding competition by TechGig, that draws the best and the brightest coding talent from all over the world. With multiple contests in emerging technologies and the coveted title of Code Gladiators up for grabs, the competition sees enthusiastic participation and has grown from strength to strength with each passing year.

FOLLOWING IS THE URL. OPEN IN YOUR BROWSER AND CONTINUE

<https://www.techgig.com/codegladiators>

SOLVE IT, IF YOU CAN!



BRAIN STORMERS



CHALLENGES FOR YOU

QUESTIONS

1. Solar power generates electricity from what source?
2. Did the Apple iPhone first become available in 2005, 2006 or 2007?
3. In terms of computing, what does CPU stand for?
4. True or false? Nintendo was founded after the year 1900.
5. The Hubble Space Telescope is named after which American astronomer?
6. Is the wavelength of infrared light too long or short to be seen by humans?
7. Firefox, Opera, Chrome, Safari and Explorer are types of what?
8. True or false? Gold is not a good conductor of electricity?
9. The technologically advanced humanoid robot ASIMO is made by which car company?
10. True or false? Atomic bombs work by atomic fission.
11. In terms of computing, what does ROM stand for?
12. Did the original Sony Playstation use CDs or cartridges to play games?
13. What is the Earth's primary source of energy?
14. IBM is a well known computer and information technology company, what does IBM stand for?
15. Along with whom did Bill Gates found Microsoft?
16. What science fiction writer wrote the three laws of robotics?
17. True or false? In computing, keyboards are used as input devices.
18. What does the abbreviation WWW stand for?
19. Nano, Shuffle, Classic and Touch are variations of what?
20. True or false? DNA is an abbreviation for 'Deoxyribonucleic acid'.

ANSWERS

1. The Sun
2. 2007
3. Central Processing Unit
4. False - 1889
5. Edwin Hubble
6. Long
7. Web browsers
8. False
9. Honda
10. True
11. Read Only Memory
12. CDs
13. The Sun
14. International Business Machines
15. Paul Allen
16. Isaac Asimov
17. True
18. World Wide Web
19. The Apple iPod
20. True



Thank You

Send your articles at
itanium@imsec.ac.in



IMS Engineering College, Ghaziabad
NAAC Accredited with A grade
Approved by AICTE, New Delhi & Affiliated to Dr.
A.P.J. Abdul Kalam Technical University, Lucknow