EkBharat Shrestha Bharat

July Month Activities Conducted by IIIT SONEPAT

To
Department of Higher Education
Ministry of Human Resource Development

Submitted by

Indian Institute of Information Technology Sonepat

IIT Delhi Techno Park, Rajiv Gandhi Education City Rai, Sonepat.

http://www.iiitsonepat.ac.in/
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JULY-2020

"Ek Bharat Shreshtha Bharat" is an initiative by the Government of India to bring cultural and lingual values of States together. Through this innovative measure, the knowledge of the culture, traditions and practices of different States & UTs will lead to an enhanced understanding and bonding between the States thereby strengthening the unity and integrity of India.

Indian Institute of Information Technology Sonepat is actively hosting events for students to learn the culture and linguistic diversity of Haryana and Telangana. Faculty of IIIT Sonepat keeps on encouraging students to participate in events. Moreover, we believe in holistic development of students.

IIIT Sonepat declared to observe i) one day per month for EBSB club day ii) one day per month for EBSB Day and successfully conducted competitions and events in which students took part enthusiastically.

All the programmes were managed by EBSB Club of IIIT Sonepat, Dr.Diddi Kumara Swamy, Faculty EBSB Incharge Student Commitee Siddhant Tiwari, GarvSinghal, Ayush Kumar and Pranati Gupta as student members under the Guidance of Prof. M.N. Doja, Director, IIIT Sonepat. IIIT Sonepat is conducting events under EBSB via online platforms despite the conditions of the prevailing pandemic and looks forward to conduct many such programmes in the near future that will be dedicated to the holistic and culture valued development of the students.
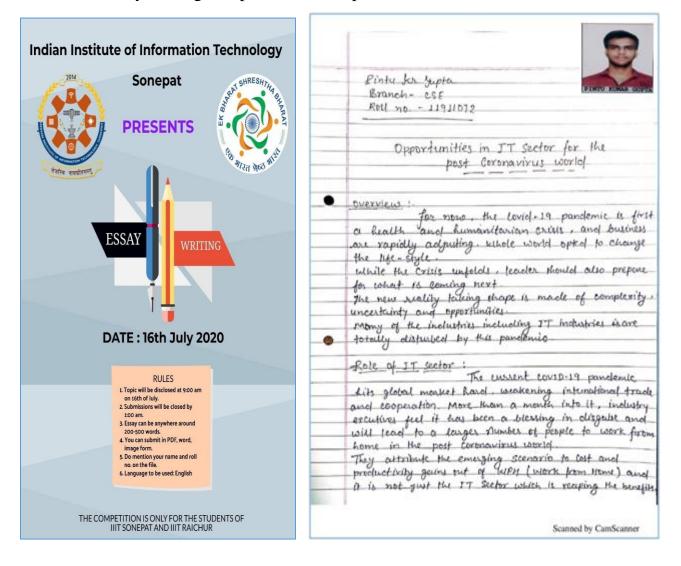
Essay writing competition

Theme- "Opportunities in IT sector for the post corona virus world"

EBSB club IIIT Sonepat has conducted an Essay writing competition is only for students of IIIT Sonepat and IIIT Raichur on 16th July 2020. 35 students took part and submitted their essays expressing their views on the former. We are here with attaching the winners of Essay writing competition soft copies.

Indian Institute of Information Technology

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PRESENTS

ESSAY WRITING

DATE : 16th July 2020

RULES
1. Topic will be disclosed at 9:00 am on 16th of July.
2. Submissions will be closed by 1:00 am.
3. Essay can be anywhere around 200-500 words.
4. You can submit in PDF, word, image form.
5. Do mention your name and roll no. on the file.
6. Language to be used: English

THE COMPETITION IS ONLY FOR THE STUDENTS OF IIIT SONEPAT AND IIIT RAICHUR

Pintu kr gupta
Branch- CSE
Roll no. - 11911072

Opportunities in IT Sector for the post Coronavirus world

Overview :
For now, the Covid-19 pandemic is first a health and humanitarian crisis, and business are rapidly adjusting. Whole world opted to change the life-style.
While the crisis unfolds, leader should also prepare for what is coming next.
The new reality taking shape is made of complexity, uncertainty and opportunities.
Many of the industries including IT industries is are totally disturbed by this pandemic.

Role of IT sector :
The current covid-19 pandemic hits global market hard, weakening international trade and cooperation. More than a month into it, industry executives feel it has been a blessing in disguise and will lead to a larger number of people to work from home in the post coronavirus world.
They attribute the emerging scenario to cost and productivity gains out of WFH (work from home) and it is not just the IT Sector which is reaping the benefits.

Post COVID IT Opportunities

Harshit Joshi

B.Tec CSE

IIIT

Sonepat

The coronavirus, starting in the city of Wuhan, China, has made a devastating impact in the modern world and economy. India, especially, has been one of the worst hit countries and currently has the third highest number of patients, as of now. However as the old proverb says, "Everything happens for a reason", the coronavirus has actually brought about the much needed change in the IT industry so rapidly that no one would have imagined it was possible. According to Satya Nadella, the CEO of Microsoft, "We saw 2 years of digital transformation in 2 months", which is a very big achievement indeed. The coronavirus, though being a very tragic event overall, has opened a wide set of opportunities for the generation of the future. Almost all the industries have seen very rapid technological development.

Education in particular is one of the most affected industries. Now despite many students in India lacking basic gadgets like smartphones and stable internet facilities, almost all institutions have moved to online classes. Now we can all talk about the ethics of that, but we should see this as an opportunity to develop cheaper smartphones. Almost all major brands are moving to make their phones more feature packed, while also increasing prices subsequently. What we can instead focus on is the creation of cheap, reliable phones without all the bells and whistles of the more expensive ones, which can be made accessible to all parts of India. Approximately 500 Million (37%) of people use smartphones. The remaining 63% are unable to due to the high cost of even the cheapest usable smartphone(Rs. 7000). What the newer generation or existing companies can focus on is creating smartphones under Rs. 3000 which would encourage a lot of new users to purchase their first smartphone.

Also the work from home policy has brought about an incremental change in the usage of Cloud Computing. Almost all major Cloud Computing, like AWS, Google Cloud, Azure are based out of the US. Now India can also seize this opportunity by developing native cloud service providers which will be able to compete with the international players. This will be beneficial for India, both from a technological and economic standpoint.

Coronavirus has also ignited the field of Machine Learning and Artificial Intelligence. Many universities and companies are starting to apply predictive ML models on the coronavirus crisis to calculate the current trends and make future predictions. I believe that these ML models can also be applied on a lot of other problems including but not limited to mask detection, body temperature detectors to eliminate human risks involved in testing and the list is endless. A recent AI based Coronavirus detector has been created by some biotech students in Mumbai which can detect whether a person is infected or not just by listening to his voice samples, which is a very fruitful use of the technology, and the possibilities of AI are endless.

Blockchain technology has also been restarted by the emergence of the virus. Many countries are starting to adopt some form of blockchain to perform the important task of contact tracing. These apps, while being necessary for the containment of the virus, also keep in mind the privacy of the user by ensuring that the data is not used for malicious purposes by making the whole process of data collection completely decentralised, thus making sure that no central authority has access to all of the data, and the data is protected in case of a security breach.

All in all, even though the tragic event has brought a huge loss for humanity, the old proverb "Necessity is the mother of invention" still holds true and we should look at this event as a blessing in disguise and as a platform for further growth in technology.

Impact of Covid-19 on Indian IT Sector

Paras Yadav,
IIIT Sonepat

Corona virus has affected our lives in many ways. It has thrown up challenges as well as many opportunities across various fields. The pandemic has caused a global economy loss. The quarterly GDP growth has consistently fallen since fiscal year 19.

A new business environment is forcing corporate to review their business. Social distancing has become new Norm. Organizations across the world are realizing the need for operational and systems resilience. In spite the chaos caused by the pandemic, there is still a ray of hope for the business world. Thankfully, the digital world has some sort of a solution to the problem.

The Covid-19 outbreak is also expected to bring changes to the business continuity plans of IT services vendors in the outsourcing contracts. Presently, IT companies' business continuity plans only take into consideration possible regional disruptions. However, a global catastrophe like Covid-19 will force companies to incorporate the minute details of their future plans.

We need to understand that every sector will move towards digitization and automation. As the work from home is beginning to become the new normal, more workloads will have to be migrated to the cloud to ensure that businesses can function as usual. Sectors like retail will spend more on IT and IT infrastructure for enterprise applications and retail support services globally.

Going forward, digitization, cloud computing, machine learning and artificial intelligence will dominate the technology space. Investors should focus on companies with strong balance sheets, stable growth, attractive dividend yields and low profit volatility to cash in on the current crisis. Companies such as TCS, Infosys NSE, HCL Technologies and NIIT Technologies are expected to emerge stronger from the virus outbreak.

One Stanford study found that employees who work from home are 13 percent more productive compared with their in-office counterparts.

Working from home means either no office or at the very least, a lot less office space. If you don't want to make the switch to a completely remote environment, try staggering your employees' work-from-home days to save on office space. Automatic dedicates the money saved on office space.

No office means the ability to work with anyone in the world. Freelance networks like Toptal (with its notoriously tough location-independent screening process) have capitalized on this concept by connecting top companies with the very best software developers from all around the world.

Taking all the points in consideration Indian IT sector is expected to grow more and more and it will help our economy greatly.

Paras Yadav
IIIT Sonepat

Webinar

TOPIC: " The culture and diversity of Haryana along with the traditional foods and folk dances of the state"

IIIT Sonepat has conducted a webinar on 26th July 2020, which was spoken by Ravi Sehrawat, a student of CSE branch. He beautifully explained the culture and diversity of Haryana along with the traditional foods and folk dances of the state. All the students and faculties enjoyed and learning about the culture of the Pairing state.
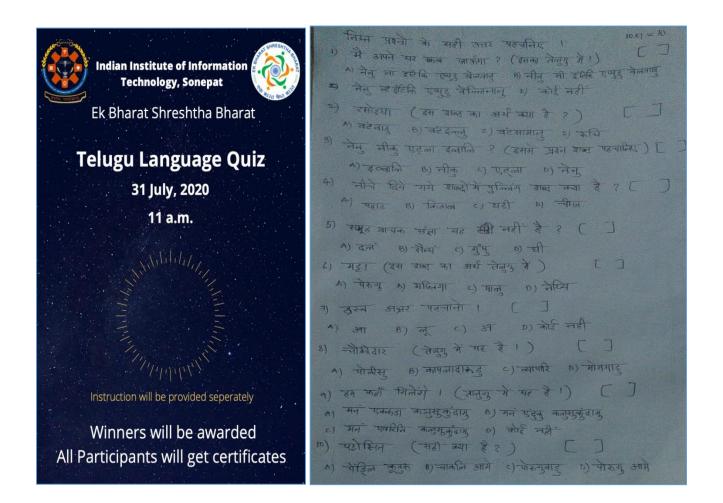
Telugu Language Quiz

IIIT Sonepat also conducted Telugu Language quiz (Paired State Language) on 30th July, Dr. Diddi Kumara Swamy faculty IIIT Sonepat shared his knowledge of Telugu among the students and students learned it enthusiastically. More than 80 students participated. The quiz therefore was a huge success.

- **Winners of Telugu Language Quiz :**

1st **Prize**-Rachit Santalia (CSE)

2nd **Prize**-Jasbir Singh(IT)

3rd **Prize**-Raj Kamal Sakhya (CSE)

Prof. M.N. Doja,
Director, IIIT Sonepat.

I Strongly believe that offering students a stress free learning environment which encourages creativity and critical thinking. In the current challenging time it is essential that students not only excel in academics but should also develop courtesy, discipline, smart personality, social sensitivity and be imbibed with traditional values and culture of our country. EBSB activities are the foundation of the core values essential for the overall development of the future citizen of tomorrow. It is the best time to encourage and congratulate the winners of the competitions and the students who have participated in EBSB activities. We all should motivate the students to participate in all the activities which will be conducted in future, year by year efforts of all our faculty and students will take the Institution forward in terms of Excellence. We are dedicated to exhaustive quality teaching learning of a continuous process of improvement for the benefit of the students.