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CENTRE FOR INFORMATION TECHNOLOGY
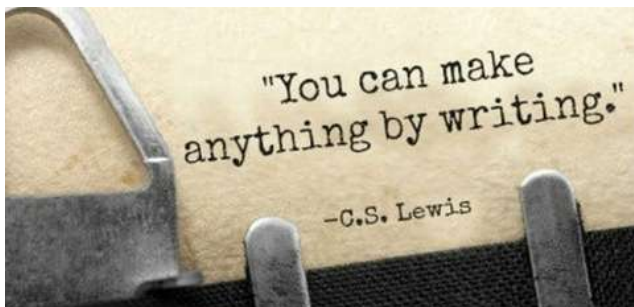
ATHARVA

EDITOR'S CORNER

–S Sahana

The new academic year of SCIT started with a bang with a five days virtual induction for the 2021-2023 batch. The induction consisted of everything that students can expect from the college for the two years, from talks with industrial experts to exceptional takeaways from the faculties. Students also got an opportunity to experience the most awaited cultural fest Samaarambh, which bought the SCIT family closer with music, dance, drama and fashion show. From the very beginning, the students were given a chance to learn about and explore different topics with industry experts through the guest lecture series. The first guest lecture was on the topic "Threat Actors – Descendants and Strangers" by Mr. Shyam Sundar Ramaswami, a Senior Research Scientist at RET Cisco. In this, the students understood that every threat actor acts as both a descendant and stranger with real life examples. Another inspiring guest lecture was on "Agile – Change is the Only Constant" delivered by Mr. Mrinal Murdia, Product Manager at Nagarro. In this lecture, Mr. Murdia explained about traditional and agile, and the different methodologies of agile methods. Read along to know more about the events conduced.

"You can make anything by writing."

–C.S. Lewis

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BABYSTEPS INTO MBA

–Suriya Narayanan

MBA has become a Great Indian Obsession after Cricket and Engineering. From giving a series of entrance exams, clearing cut-offs, cracking interviews, moving up the waiting list and finally securing a seat, oh boy! this is such an eventful journey!

My Sincere apologies if you think that the destination has arrived. This is just a tip of the ice berg. First, you will be like a Stranger to the Etiquettes being upheld here. Getting into a Committee is not a walk in the park. You will have to take multiple interviews to get into a committee. Staying awake at late night is a norm. Each and every word in your resume is audited. MBA brews Professionalism. LinkedIn will be your bible. You will talk about 'Networking' as if you are breathing. With MBAs being de facto residential, you closely connect with people of different age groups on a high note.

At the outset all those Academics, Assignments, Group Formations and Club activities seem exciting. As things start to pile up, MBA students find themselves in a sea of things to be done and it's no more animating. There's a saying exist that 'If you survive your first semester of your MBA, you can certainly survive any situation in any life'. Off course people hardly get the breathing space in MBA. But if you observe carefully, one of the biggest takeaways from MBA is Prioritization. It's about setting out with important tasks and managing things. This is a life hack that you need at the corporate. Racing with deadlines is a part and parcel of life. An MBA prepares you for that.

Importantly, an MBA teaches you being Agile. Teaches people to stay afloat. People suffocated with Virtual MBA at first but then didn't two batches come out with flying colours? This is the testament to the fact that MBA grads are the resilient beings out there. It's about weathering the storm. In corporate world, business requirements change every time. People have to stay afloat and handle it. This phase teaches you that no matter what happens, life (Corporate) has to go on.

It's also about doing justice to the course. If making it to the college is your last achievement when you pass out, then you royally failed. Do self-realisation at times. Most importantly, Learn. Unlearn. Relearn.

Let's surf on the WAVES man!

Web & Media

WNM

SAMAARAMBH

-Himani Deshmukh

Samaarambh is the most awaited cultural fest conducted every year to welcome the new batch. The event provides young talent a platform to showcase their talent and act as an ice breaker. Samaarambh 2021- Knockdown the lockdown was held on 2nd August 2021. While starting the MBA journey online, Samaarambh gave a perfect opportunity for the batch to connect among themselves with seniors and brought the SCIT family closer. It was the first online cultural fest that witnessed great enthusiasm from the faculty and the students.

The fest began with an Indian classical dance performance offering prayers to Lord Ganesha. There were some exhilarating dance performances thereafter. Students gave brilliant duets and solo performances. The junior batch gave a stunning performance through the skit C2C College to Cubicle, portraying perfectly the blend of emotions a student goes through in the journey of transforming from student life to entering the workforce.

The event continued with some fantastic melody singing by the future managers. The student recited a poem, "Hindustan ke mitti se bane hai hum" it was nothing but soul-soothing. It took everyone on a ride in the streets of the vivid and diversified India. Then began the most awaited event, the fashion show where, the students transformed their houses into the ramp with traditional, modern, and business formals. Last but not the least performance was by senior Eklavya committee a skit Gharkool that beautifully showcased the different scenarios encountered by the students during online lectures. They gave a glimpse of the emotions which students experienced after getting called on campus. It was just the perfect end to the beautiful evening.

The anchors did a splendid job of keeping the audience glued to their seats with engaging interaction and jokes. Even though the fest took place on a virtual platform, there was no moment when the audience did not flood the chatbox with appraising comments. The extraordinary response and support given by newcomers, seniors and, staff members made all the long nights of preparation fruitful.

GUEST LECTURE

Threat Actors- Descendants and Strangers

- Khyati

A guest lecture was arranged on 29 August 2021 at 7:00 pm where the speaker 'Mr. Shyam Sundar Ramaswami' who is a Senior Research Scientist at RET Cisco talked about "Threat Actors- Descendants and Strangers". The speaker started the guest lecture by explaining the difference between the descendants and the strangers. Mr. Shyam mentioned that an attack happens because the people today are connected or exposed. He also discussed about the reason for Software and Cyber-attacks on PC. He mentioned that people using outdated PC such as Windows 7 are more exposed to cyber-attacks. He compared this with 'Organ Harvesting'. He also mentioned a very nice quote "It is important to remember that we all have magic inside us" by J.K Rowling.

Through this he tried to explain that human emotions and psychology can sometimes lead to cyber-attacks as people tend to share their information when they are in an emotional phase. Mr. Shyam very nicely gave examples and explained the same. He emphasized on people being more careful about the same. He thoroughly explained what exactly a malware is and how do people get malware on their system?

He explained the importance of how a single 'click' can allow a malware to enter into our system. He warned everyone to be careful before clicking on any link as it can allow an attacker to run a malware on our system. He explained many concepts such as Trickbot, Protected document, Guardian, Firewall, Agent Tesla and Reincarnation of Macro 4.0. Mr. Shyam mentioned that malware runs inside a contained environment with no internet connection and he very nicely explained the same using examples. He explained about the concerns of malware running on a system. He explained about the code injection and process injection. In the end he told the audience to be careful about any fake website and to use 'TALOS' for verifying the same. Overall, the guest lecture was full of different cyber concepts and their insights. It helped the students gain a lot of knowledge from Mr. Shyam Sundar Ramaswami. The guest concluded the session by saying that threat actors are both descendants and strangers.

Designing Large Scale Intelligent Video Analytics

–Ruchi Kandpal

On 28th August 2021, there was a Guest Lecture on the topic: 'Designing Large Scale Intelligent Video Analytics.' The speaker was Dr. Pallab Maji, Senior Solutions Architect(Deep Learning) at NVIDIA and an AI/ML enthusiast from Bengaluru. He has worked with companies like Wipro and Mercedes Benz. Safe and smart cities are being implemented by Singapore, New York, San Francisco etc. and the initiative of smart city is being taken by our government as well. He spoke about how smart and safe cities are good efficiency wise and applicable for many use cases like real time traffic management and behavioural study of the customer when they come to a shopping complex or a showroom.

For detecting and tracking customers, the store uses multiple different cameras and leverages Video Analytics techniques to profile customers to know what age metrics they belong to, the buying patterns and the decision making of the customer. Surveillance and theft prevention is also done at the retail stores. The speaker next spoke about the three major challenges with Video Analytics such as: Creating highly accurate AI which should at least match human baseline. He gave the examples of ImageNet that could beat the human baseline, in image classification with 3.5% error whereas the human had 4.5% error and of AlphaGo (based on a reinforcement machine learning algorithm) that was able to beat the champion of that game. Achieving high throughput: The throughput of the algorithms need to be fast. According to Moore's law, computers are getting faster two times every eighteen months. GPU computing has taken Deep learning and Machine Learning into a different league as it is 10 times faster than CPU. Deploying at scale: In retail stores, there are multiple cameras which need maintenance and updates. The data needs to be encrypted and then decrypted. A system that can integrate the pipeline which is secure with no data leakage is needed to be deployed at scale. He next explained the importance of edge to cloud architecture for AI City. AI cities are going to have 1000s of cameras. Systems are needed which can help for airport security, traffic management, parking entrance, law enforcement, etc. This can be achieved by a combination of edge and cloud.

The Unrelatedly Related!
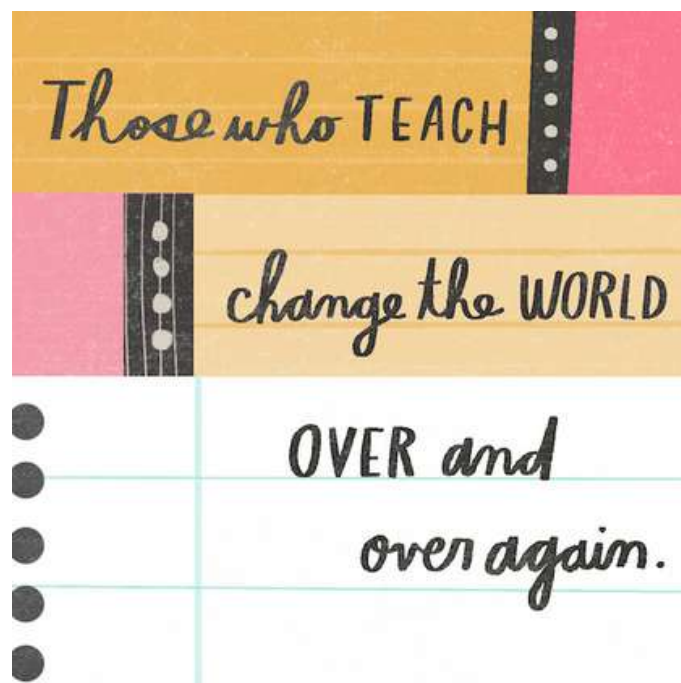
-Prof. Apoorva Vikrant Kulkarni

In our daily routines, we spent much of our lives meeting and interacting with a number of people with various types, characters, personality traits and from various cultural backgrounds. People differ in how much they are liked. There are some people who are liked by many and any and sometimes everyone. These people carry a charisma… a magnetic appeal that draws people to them. While the others elicit opposite reaction.

It is said that "Your energy introduces you before you speak." This sounds so true for everyone we connect or don't connect to. There are a lot of factors that play a part in how or why you like, connect or even interact with a person and these range from appearance, to social skills to the language, tone and body gestures etc. to how you feel (emotions) on meeting a person and sometimes many or all of it together.

It iIn Social Psychology, this need to associate with another individual from the society is called affiliation. Although the need to affiliate with others appears to be very basic among human beings, people greatly differ in the strength of this tendency. Basically we tend to seek the amount of social contact that is optimal to us, thus preferring to be alone sometimes and to be in social situations sometimes. And when these affiliation needs are not met, people often react in unpleasant ways. For example if someone ignores you feel unpleasant, right?

The need to be in social conformity is a socially psychological need each human being has. The only thing is the degree to which differs from one individual to another because we all want to be known to many to a some or to a few. The concept of community building and belonging to a community traces back its roots way back in the 1899–1982 where the concept of cult of personality emerged and community building came into existence. All said and done, the fact remains that whether social or not so social all of us as human beings need to connect to the another human – the Unrelatedly Related ones!

Those who TEACH change the WORLD OVER and over again.

STAR ALUMNI

MR. ABHISHEK JETHWANI

- Sudeepti Shukla

Mr. Abhishek Jethwani, who is currently working as Vice President (internal audit-capital markets tech) in Goldman Sachs, is our Star Alumni. With meritorious grades from Rajasthan University, Mr. Abhishek pursued his Bachelors in Engineering. He was actively involved in various events and societies as an undergraduate student; he engaged in various activities such as Paper Presentation in CHESS (Chemical Engineering Student's Society) and also secured a meritorious position in TSI's Math Olympiad. He then began working as a Programmer Analyst in Cognizant.

In 2007 he went on to pursue MBA in Information Technology Business Management from the Symbiosis Centre for Information Technology by holding Systems as a specialization. He won different awards during his post-graduation years, such as the presidential award for exemplary performance in college placement events. Also, he was a recipient of the Best quality project award for his Internship project.

Mr. Jethwani has over 12+ years of diverse corporate experience the domains ranging from requirement engineering, business process analysis, quality concepts, ERP, CR, SAP, OOAD, etc. He has worked for various reputed organizations such as ANB Consulting Company, Axis Risk Consulting Services Private Limited. While working with Axis Risk Consulting Services Private Limited he was accountable for the proper functioning of IT audits, Applications and ERP reviews, IT general control testing, and SOX testing. Mr. Abhishek was led to success by a consistent analytical mindset and a keen interest in learning new technology. We're incredibly proud to name him this month's Star Alumni!

STAR ALUMNI FOR THE MONTH .
Mr. Abhishek Jethwani

Prof.
Vidyavati Ramteke

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