

ATHARVA



EDITOR'S CORNER

Simran Gupta

A new year marked some new beginnings in SCIT as it took us to the road of knowledge, innovation, happiness and social responsibilities. The month commenced with the TedX, in the spirit of ideas worth spreading and a platform for people to connect. Keeping the same enthusiasm, SCIT celebrated the Indian culture with festivals like Pongal, Lohri and Sankranti. The student community took tremendous efforts to make these festivals as grand as possible. Graffiti, the flagship event of Symbiosis Centre for Information Technology was as happening and successful as it could be. And the performance by DJ Shan, India's first DJ who has performed in Tomorrowland made it more intriguing.

Symbiosis Infotech Campus proudly celebrated the 71 st Republic Day. Knowledge sharing sessions touching all the corners of the space be it technology, finance, road safety were organized. And the month ended at the note of Ethics and Integrity Conclave which focused about the necessity of Sustainable future.

Web and Media presents 34th edition of Atharva Magazine to give you more insights.

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REPUBLIC DAY 2020

Ashutosh Godasara



26th January, this day holds importance to us as it was 71 years ago when our nation turned into a republic and the Constitution of India came into effect. The 71st Republic Day was celebrated with great zeal and gusto at the Symbiosis Infotech Campus. The director of SCIT, Dr. Dhanya Pramod, the director of SCMHRD, Dr. Pratima Sheorey and the director of SIIB, Dr. Asmita Chitnis and Lt. Col. Kadam were present on this momentous day.

It was Dr. Pratima Sheorey who gave a speech where she talked about motivation and leadership. She then followed this by talking about the contribution of Army, Air Force and Navy for our country. Dr. Pratima also talked about the role of Symbiosis in educating the underprivileged children. This was followed with the hoisting of our tri-coloured flag and then the National Anthem. All of this was followed by a great performance from the students of SCMHRD. They sang and danced to the tunes of patriotism. Felicitations of the housekeeping staff, security guards and the mess staff along with chocolate distribution to the children followed the performances. The event ended with all the three directors releasing the tri-coloured balloons.

IN THE CAMPUS

TEDxSIUHINJEWADI

Shrutika Kulkarni



Jan 4th 2020 was the day when TEDxSIUHinjewadi took place. It began with the curator and co-curator of TEDxSIUHinjewadi delivering their speech. The first speaker of the day was Mrs. Shweta Chaudhary. She was awarded the coveted title of Mrs. Eco International 2018-19 and Mrs. India Earth 2017-18. She explained that one needs to be strong to overcome the hardships of life. The second speaker of the day was Miss. Ishita Katyal who is an author and motivational speaker. She is a 14-year-old who believes that there is so much in the world for every person to learn. She is the author of "Simran's Diary" which she wrote at the tender age of 8. The

third speaker of the day was Mr. Pratyush Mallick. He has developed a Forest Fire Detection & Monitoring System. He is also a NASA iTech semifinalist. The fourth speaker of the day was Capt. Yashika Tyagi who is an ex- Indian Army veteran. She was the first lady officer who led the team in the military field. Her speech was very inspiring as it encouraged all the audience to not get disheartened if anything out of the blue happens in life as being extraordinary will bring out the best in you. The fifth speaker was Ms. Runjhun Sharma who is a television and multimedia journalist working with CNN News18 and manages the Delhi Bureau in CNN News18. She explained the need of more women journalists in the Media- industry which would break the gender based structures that exist. The sixth speaker was Ms. Sam Madhu who is contemporary digital artist. Her art includes combination of traditional Indian art with sci-fi and modern ideas. The seventh speaker of the day was Mr.

Sumeet Raghavan. A person who needs no introduction. He is well- acclaimed for having played the most remembered character of Sahil in Sarabhai vs. Sarabhai. The eight speaker of the day was Mr. Kanishk Gaur. He is one among the few who has received the Chevening fellowship award. He is the Co-founder of India Future Foundation and also an Assistant Director at Deloitte and Manager Advisory Service in EY. Apart from the above speeches, there were 4 performances that graced the stage. The first being a musical performance by the magical duo, Pranay & Sanket of SCIT. The second performance left the audience laughing. Akash Gaurav Singh, an amazing comedian entertained the audience with his comedy. The third performance was a dance number by the Wild Beat Crew. Last but not the least; there was a performance from Elvis Massey & Band who enthralled the audience with their performance and won their hearts. And, sums up the 6th edition of TEDxSIUHinjewadi. The students thoroughly enjoyed it and are looking forward to the next edition.

PONGAL CELEBRATION

Shyam Guvade

On 6th January 2020, the Tamil community at Symbiosis Infotech Campus celebrated Pongal with great a vibrant energy and enthusiasm. Pongal is a multi-day harvest festival in the Tamil community. It is observed at the start of the month Tai according to Tamil solar calendar. It is dedicated to the Hindu- Sun God, the Surya, and corresponds to Makar Sankranti, the harvest festival under many regional names celebrated throughout India. The three days of the Pongal festival are called Bhogi Pongal, Surya Pongal and Maattu Pongal. the festival marks the end of winter solstice, and the start of the sun's six-month-long journey northwards (the Uttarayanam) when the sun enters the zodiac Makara (Capricorn). The festival is named after the ceremonial "Pongal", which means "to boil, overflow" and refers to the traditional dish prepared from the new harvest of rice boiled in milk with jaggery (raw sugar). It celebrates the farmer community. In the early morning, traditional Pongal was prepared

followed by a short Pooja. A grand feast was organized in afternoon in the typical South Indian way in a banana leaf. It consisted of various food items. It included Chakkarai Pongal, Paruppu Vadai (sweet dish), Cheppankizhangu Fry (Aloo Fry), Aviyal (mix vegetables), traditional Sambar, Rasam, Puliogare (flavoured rice), curd rice, Vazhakkai Chips (Banana chips), Appalam (Papad), Paal Payasam (sweet dish prepared from milk) Steamed Rice, Pickle and Buttermilk. People enjoyed the authentic cuisine. The students, faculties and staff from all the three campuses enjoyed the feast. At the evening, there were various activities organized in the campus. It included

Rangoli, Mehendi, Tug of War and Adapt Tunes. There was a cash prize for every activity organized for the winning team or a person. The delicious delicacies and fun activities made it a memorable day for all. The students involved to organize the festival gave their best efforts to ensure that it was a successful and memorable day for everyone.



IN THE CAMPUS

SANKRANTHI SAMBARALU

Shyam Gawade

On 8th January 2020, Sankranti Sambaralu i.e. Sankranti Celebration was organized at Symbiosis Infotech Campus by the Telugu community at SIC with a lot of zeal and enthusiasm. Sankranti, the festival of harvest is celebrated in the Telugu states with much gusto and reverence. The three-day festival starts with Bhogi, by offering our prayers to Lord Agni, and on the auspicious day of Sankranti, the new harvest of the farmers is celebrated and the festive season ends on the third day is Kanuma, where people offer prayers to their magnificent beasts which helped them farm the harvest. The festival began in morning with a pooja. The festival celebration is for the new harvest season i.e. Kotha Pantalu. A feast (Pindi Vantalu) was organized in the afternoon which consisted of various traditional delicacies of Andhra. It included the Mirapakaya Bajji (fried chillies) as snacks. Appetizers included Guntur Chicken (Andhra style stewed chicken), Hyderabad Gobi -65 (popular cauliflower recipe of Hyderabad),

Palak Onion Pakodi, Hyderabad Chicken Dum Biryani and Rayalaaseema Veg Dum Biryani. The sweet items included Double Ka Meetha (A famous Hyderabad sweet dish) and for dessert Chocolate Pan. The students, faculties and staff from all the three campuses enjoyed the feast. After a mouth-watering food delight, it was the time for camp-fire (Bhogi Mantalu) in late evening. The students danced to the tunes of various Telugu songs around the camp -fire.

It was a great experience for all the students at SIC as they got to taste a different and tasty delicacies, an exposure of one of the various festivals

and culture of our country.

The efforts took by the students who organized this festival were appreciated by everyone and the memories of the festival would definitely bring back the nostalgia for the students in future.



LOHRI CELEBRATION

Simran Gupta

Symbiosis a name that embraces the multi-culture and keeping in line with that spirit the three colleges SCIT, SCMHRD and SIIB all together celebrated Lohri a Punjabi festival celebrated on January 13th. It is celebrated every year in SIC. It marks the ending of the winter season according to the traditional calendar.

On the 16th of January 2020, the celebration of Lohri took place on the campus. A day before the students who organized the festival distributed the coupons of North Indian cuisine in all three colleges.

The team took great initiative to ensure that the audience enjoyed the event. The event was orgaAll the girls and boys were dressed up in colorful Indian outfits. It started with the lighting of a bonfire in the evening where people sang prayers. After the bonfire, people gathered in the sports arena. Some students performed

"Bhangra," which is a traditional dance.

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After the beautiful and energetic dance performance, the DJ started with a mixture of Dhol and people danced to their fullest. Later, the exotic northern Indian feast was served. It included Dal Makhni, Paneer, Roti with Gajar ka halwa (sweet dish prepared from carrot, milk, ghee and sugar)

And with this, the beautiful

and mesmerizing night came to an end. This festival brought the students with various cultures and background together. They embraced the festival with full and happy hearts.



IN THE CAMPUS

GRAFFITI'20

Ashutosh and Shyam



Graffiti is the annual Techno-Managerial fest held at Symbiosis Centre for Information Technology. The two-day event invites students from various technical and business institutions and corporates across the nation to participate in the wide arena of competitions.

It is a seamless and perfect blend of business and technology. The incredible acclaim from the participating students of renowned B-Schools is a testimony to the grandeur and reach of the event. The event lives up to its promise of captivating discussions and a rejuvenating experience to all its participants.

This edition of Graffiti was a special one, with SCIT reaching its 20th year of inception. In the spirit of celebration of this milestone, the theme of Graffiti '20 was aptly chosen as 'Venti-Cosmo'. Venti, the Italian word for twenty, is fused with Cosmo that defines the infinite, the uncharted, implying the many more exciting future editions to come; the amalgamation of which truly justifies Transcending all Limits. This special milestone is reminiscent of the achievements and the unlimited potential that SCIT has to offer in the future. Graffiti 2020 kicked off with the ceremonial lighting of the lamp by Director, Deputy Director and Main Co-ordinators, setting the stage for the coming two days of fun and excitement!! FIFA 18, was the first gaming event which was followed by Counter Strike. Later, "Nautankishaala" (Street play) consisted of various acting performances which

enthralled the audience. A business challenge "Launch Wave" which focussed on making a strategic business plan which brings out the entrepreneurial skillset. The next event was "Decipher" which was focussed on solving a case like a detective. Later, the next event was "Infi-Loop" which was focussed on team building and strength. The

The next event lined was "Blitz-Geek" which was a quiz based on various techno-managerial questions. The first day wrapped up with a performance from KONNECT. The second day of Graffiti was no less with great events lined up for the day. Graffiti's flagship event "Advitiya", saw many teams' creativity and mental prowess was challenged. Teams of 6 participated in this event which tested the team's problem-solving skills as well. The other event lined up was "Armstrongs" which was a test for the participants for various time bound 60 seconds challenges. "Nautankishaala" was back again with bigger and better performances on Day 2. Next was the "LAN Rover" event, it included LAN based Games like NFS Most Wanted and PUBG Mobile were planned for the people who love to game. Many have seen the IPL auctions on TV,

but in the college fest, the participants got to take a part in it. "Crick Kart" was an event where the participants had to show their auctioning acumen along with their managerial skills to build the best team possible. The next event "Invest-Star" was all about stock markets, and there were many participants who wanted to try their luck at this event. Buy, sell or hold, the participants needed to analyse the situation correctly and come up with the best possible strategy to maximize their profits. Finally, a marketing event name "Sale of Tomorrow" was also held for the participants to display their marketing skills. The other event was "Kirdaar" which constituted of Solo performances. The students from SIC campus as well as participants got a chance to savour their taste buds with tasty food from the various food stalls. In the evening, the closing ceremony where the winners were felicitated by our faculties Dr. Mugdha Kulkarni and Mr. Krishnan Ramanathan. The day ended with some magical performances by the Fidelity Band and DJ Shaan for Campus Sunburn where the SIC campus danced to the tunes of EDM (Electronic dance music) and some Bollywood songs. All students of SCIT had spent many sleepless nights and bring days to make the event a grand one which will spur up the nostalgia for the students in future. The entire event got a tremendous support from the faculties and other staff members which helped to ensure Graffiti '20 was a huge success for SCIT.



GUEST LECTURES

ROAD SAFETY

Simran Gupta



Road Safety is one of the critical issues to talk about in today's world. The increasing number of Road accidents and ignorance of traffic rules by the citizens even after knowing the consequences is one of the biggest problems we come across. To create the awareness about the same, on 8th January 2020 a Guest lecture was organized in SCIT.

Mr. Chetan N. Jawjale, part of Indian Road Safety Awareness and Training Firm was one of the eminent speakers of the day. He commenced the entire discussion with the

video of Road accidents to make students realize the gravity of the situation. And to explain the tentacles of the problem which lie in the sense of responsibility, he emphasized the importance of including the Road Safety Subject in the course of students. He compared the traffic rules implementation in India with that of the USA using an animated video. Moving further he made students familiar with Indian road accident facts where he mentioned that 408 people die every single day on an average. He then focussed on proactive measures than the reactive one. He also talked about the importance of helmet. The next speaker was Dr. Pravin Pagaonkar, who continued the same topic of discussion. He focused on the physiological aspect of it. Taking it further, he talked about the steps taken by the Government in India especially in Pune to maintain Road Safety and to make sure that people abide by the traffic rules. He spoke about how people instead

of helping the victims, start making videos and share those on social media. And he gave the solution about the legal procedure for which the helper doesn't have to be afraid of helping that they might end up in the endless cycle of visiting the police station. The last speaker of the day was, Mr. Anand Kulkarni, a life coach and was closely related to Symbiosis as he was an alumnus of SIU. He explained the importance of awareness and implementing safety measures with his own life experience. Further taking another road, he talked about how awareness not only in road safety but in life is also essential. Being aware of the corporate life, the trends in the industry, the changing technology, the world around you, make a difference. It helps one to land a good job. He concluded the talk by mentioning about the two important skills needed in the industry to retain oneself which included "Communication and Planning".

The event ended on this note and our professor Mr. Shaji Joseph gave each of the speakers the token of appreciation.

FINANCIAL PLANNING USING MUTUAL FUNDS

Simran Gupta



On 22nd January 2020, a guest lecture was conducted at SCIT, by Mr. Esmail Colombowala. He holds a Post Graduate degree and a Banking Certificate from London. He has over four and a half decades of work experience in the Financial IT and Training space, besides mentoring Management Students on interview and Presentation Skills. He has been engaged with multinational companies and banks and is also an avid investor with domain expertise in the Capital Market and in-depth knowledge of Multiple Investment Products. He has provided HUB (Back-end) training to

the staff of Asia Pacific, Europe, Middle East, USA, Latin America, Canada, India, Australia, etc., Also he has provided Subject Matters Expertise (SME) to Academy developers to develop Web Base Training (WBT) on HSBC Universal Banking (HUB) & HUB Front-End (HFE's) systems.

He began with an introduction of Mutual Funds. A mutual fund is a professionally managed investment fund that pools money from many investors to purchase securities. He gave an introduction of various financial saving instruments like bonds, PPF, etc. He also gave an introduction to equity. He explained the importance of investing early in mutual funds. He later explained in detail about the various types of mutual funds. Primary structures of mutual funds include open-end funds, unit investment trusts, and closed-end funds. Exchange-traded funds (ETFs) are open-end funds or unit investment trusts that trade on an excha-

nge. Some close-ended funds also resemble exchange traded funds as they are traded on stock exchanges to improve their liquidity. Mutual funds are also classified by their principal investments as money market funds, bond or fixed income funds, stock or equity funds, hybrid funds or other. Funds may also be categorized as index funds, which are passively managed funds that match the performance of an index, or actively managed funds.

He explained that investment in mutual funds is less risky and with appropriate investment decisions one can build a large portfolio which can ensure that life after retirement can be financially independent.

The students definitely understood that investing at a young age in mutual funds can definitely help for long term financial independence.

GUEST LECTURES

ETHICS AND INTEGRITY CONFERENCE

Shrutika Kulkarni



On Jan 29th, 2020 SCIT hosted the 4th annual conclave on Integrity and Ethics. The theme for this conference revolved around 'Rethinking Development- Act Responsible, Think Sustainable. There were three speakers and a Chief Guest.

The Chief Guest for this conference was Mr. Emmanuel David, Director at TATA Management Training Centre, Pune. He began his address by talking on the importance of sustainability and how all of us need to adapt ourselves to the same. He explained that it is important for us to work towards it and achieve the goals. He concluded by saying that the goal of

sustainable development is to meet the needs of today, without compromising the needs of tomorrow. He mentioned the importance of seventeen UN Sustainable Development Goals.

Next, there was an amazing dance performance by SCIT dance group- SymBeats. They

enthralled the audience with their wonderful performance.



The First speaker for the day was Mr. Murjaban Jal. He addressed us on how humans have sadly affected life on the planet which has led to the fall in our ecosystem. He explained that this disruption in our environment will lead to immense trouble in the coming future. Thus, he suggests to strike a balance between science and ethics.

The Second

speaker for the day was Mr. Niranjan Upasani. He reiterated the fact that all need to work together and save our ecosystem. He raised concerns on how our planet is suffering due to lack of actions. He stressed on the fact that individual contribution is necessary to ensure that our planet and ecosystem is safe.

Next, there was a theatre performance by Eklavya- The Theatre group of SCIT. The message of Sustainable development was very well reflected through the act.

The third speaker of the day was Mr. Mohan Nair. He highlighted that one needs to be competitive while being ethical and compliant. He mentioned that values are what defines us and it can help us understand and

and act upon.

Thus, this conference gave the students some crucial learning lessons about sustainable development and a lot more. The students would definitely look forward to many more conferences to learn some

important lessons of ethical and corporate life.



FACULTY BLOG

QUANTUM COMPUTING

Dr. Mandaar Pande



This is the eight in a series of blogs that I will be writing for everyone to get a basic understanding of this immensely important research field which is poised to become mainstream in a few years and significantly impact our daily lives.

using the quantum computing research outcomes as given in figure 1 are

- Molecule Simulation
- Protein Folding
- Diagnose DNA / Genome sequencing
- Catalyst Analysis
- Finding new planets
- Climate Prediction

Figure 1 gives an overview of some of the areas that are being researched under the broad scientific field of quantum information and quantum computation:

Some sample of industry use cases that can be effectively addressed using Quantum Computing research are

- Optimization
- Machine Learning
- Big Data
- Financial Analysis
- Massive Software Testing
- New Drugs
- Hyper Personalization



In my previous blog, I gave an overview of the type of quantum computers in operation today and the kind of problems that can be solved using them. It is now clear that quantum computing has moved out of the realm of pure research and is transitioning into an industrial technology. In this blog I will touch upon the various areas of scientific endeavor and industry verticals that are impacted by quantum computing.

Some of the use cases which can be addressed

STAR ALUMNI

AKANKSHA CHAUHAN

Shrutika Kulkarni



The STAR Alumni for this month is Akanksha Chauhan who is the Lead Solution advisor in Deloitte. Ms. Akanksha is Cyber Risk professional, with over 6 years of experience.

In the initial phase of her career, she worked as a system engineer in TATA Consultancy Services. She has hands-on experience in the field of cyber strategy design & implementation, developing governance and operating model and policies and standards. Her area of expertise is Data Access

Governance and Data Loss Prevention. She has worked on vendor technologies - Varonis Data Access Governance Suite, Symantec Data Loss Prevention. She also has experience as an IT Auditor - Information Risk Management Team where her role was to conduct system audits of the broking firms registered with different exchanges under SEBI. She is certified Venafi

Security Administrator, AWS Certified Solutions Architect Associate and Varonis Delivery Partner Engineer. In Symbiosis Centre for Information Technology (SCIT), she was an active member of various committees. It included ITSELF (IT Entrepreneurship and Leadership Forum), Symbeats and Eklavya. She has completed her Bachelor of Technology from Shri Ramswaroop Memorial Group of Professional Colleges. She completed her schooling from Kendriya Vidyalaya

