



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
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SPECTRUM

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SRMIST's Founder Chancellor Dr. T. R. Paarivendhar, Pro Chancellor (Academic) Dr. P. Sathyanarayanan, Vice Chancellor Dr. C. Muthamizhchelvan and Pro Vice Chancellor (Medical & Health Sciences) Dr. Lt. Col A. Ravikumar presented awards and medals to students who topped their class at the 17th Annual Convocation held at the Institute's premises.

World Occupational Therapy day observed at SRM IST

STAFF WRITER

In commemoration of the world occupational therapy day, SRM College of occupational therapy conducted an awareness program about the importance of occupational therapy and its virtue in the health care sector SRMIST faculty through Zoom platform from 11am to 12pm which was presented by Ms. Kirubha Pracilla, Assistant Professor and organized by occupational therapy educational unit.

The following day, on held, the college conducted a COTE program for its students at Hippocrates auditorium wherein eminent speaker Dr. Lakshmanan, senior Occupational Therapist NIMHANS, enlightened the participants by presenting on the theme “Vocational rehabilitation for person with mental illness” and after which a panel discussion was held by eminent speakers, Dr. Joseph Sunny, Hon. Secretary, All India Occupational Therapists Association, AIOTA and Dr. Lakshmanan. The panel discussion and the presentation were very elaborate, and informative which touched the practical aspect of

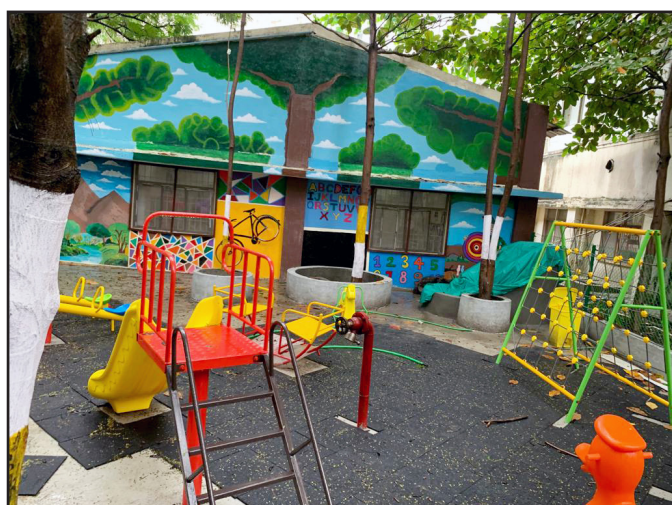
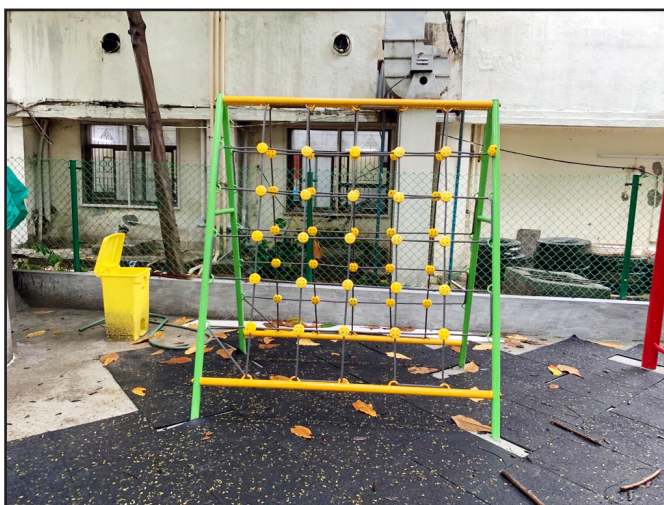
practice in occupational therapy pertaining to mental health. The overwhelming responses from the students at the end of the presentation were very well acknowledged. The program covered all the cornerstones of vocational rehabilitation and gave the participants insights about the statistics, interventional strategies that were put into use, thus uprooting the existing knowledge into threefold and also planted novel interest in the students. It fostered the confidence for the students in the domain of mental health and even it changed the perspectives and attitudes of the students towards the same. As a special milestone for the College of occupational therapy, the inauguration of the sensory garden and a sensory park for children with special needs took place at the hospital from 11:30 a.m. to 12:00 p.m. by Pro Vice Chancellor, Dr. Lit. Col.A. Ravikumar. A sensory garden is a naturally enriching environment that concentrates on wide range of sensory opportunities. Integrating the natural elements into design benefits the child’s health, and helps reform their mental and

emotional development.

Sensory garden helps in stimulating the sensory experiences for the children with senses such as sight, smell, touch, taste and sound both individually and in combination. Children with sensory issues or developmental issues will be taken to the sensory garden to facilitate play, where they can enjoy and actively participate in the different activities. Sensory garden has helped many children with Autism, ADHD and other sensory disorders in showing a lot of improvements. It helps the children to feel and play in the natural environment like the other children of their age. It helps in facilitating social participation for the children. He addressed the students after the inauguration and congratulated them for the constant hard work and the amazing team work in making this project a huge success within the limited days. The students and faculties worked together in making this project a success so as to help the children with special needs be benefitted by providing them all sort of natural healing. The

inception of the COTE program was conducted at Hippocrates auditorium from 12:00p.m to 1: 30p.m, the welcome address was given, the Dean College of Occupational therapy, Dr. U. Ganapathy Sankar who highlighted the significance of Occupational therapy, and the need for awareness at the present state of the professionals in the Indian set up. He also illuminated the scope of the profession worldwide and bestowed the students with his worthwhile wisdom. The presidential address was entrusted by Dr.Lt. Col.A. Ravikumar, Pro Vice Chancellor, Medical and Health Sciences, SRMIST. He encouraged the work of the college and deemed to be proud about its efforts. The special address was given by Dr.A. Sundaram, Dean, Medical, SRMIST. He expressed his pleasure and gratitude to the college for the explicit exertion on the sensory garden project and wished his luck on the forthcoming venture. The Guest of honor was delivered by Dr Joseph Sunny, Dr. Lakshmanan and the chief guest address was given by Dr.Jyothika Bijlani,

Dean, Academic council of Occupational Therapy, AIOTA. The vote of thanks was given by Mrs. Grace Lydia Sarojini, Vice principal, SRMCOT. It also established first ever intracollege cultural program for its students. The program was normed as ‘OT LEGACY’, as it marks the continuing leniency of the profession. The students of the college were segregated by four groups, the astounding ayres, the stunning spackmans, the courageous clarks, and the daring duntons. Various competitions were put forth and conducted to exhibit the talents of the students. There were scientific events along with major and minor cultural events. The scientific events were conducted with the universal theme “Belong. Be You”. Profuse brain kindling contest like oration, block and tackle, essay, E- poster, poetry and spell bee was organized. The students demonstrated exemplary participation in the events. Following the scientific events, enthralling contests like soap carving, mehndi, art out of waste, face painting, cooking without fire, ad zap and connections were administered. The admirable and breathtaking major events were flawlessly conducted on the 28th of October 2021, after 1: 30p.m onwards. It was a mixed extravaganza, filled with music, dance and acting skills of the participants. The events namely were solo singing, light music, solo dance, adaptunes, movie spoof, group dance. The programs main moto lied upon bringing the talents of the young enthusiast who participated sportively and explored areas of their aptitude. The awards for the untiring and cherishable participants were distributed on the same day, by our beloved and Dean of College of Occupational Therapy. The overall championship, a rolling trophy was won by the stunning spacksman house, who effortlessly slide on winning on almost all the contest that was put forth. The participation of the other house was also innumerable commendable and elegant. At the end of the ceremony, the vote of thanks of the ot legacy, was rendered by the organizing committee, and the grand festival of celebration undoubtedly ended with phenomenal success.



“Quality education will lead to massive transformation”

* Union Minister urges students to focus on holistic growth of India at SRM's 17th Annual Convocation

STAFF WRITER

The 17th Annual Convocation of SRM Institute of Science Technology was held in a dual-mode. Rank Holders and Ph.D. degree awardees were given their degrees in person at Dr. T.P. Ganesan Auditorium, Main Campus, Kattankulathur. About 15,154 students belonging to the Faculties of Engineering and Technology, Faculty of Science and Humanities, Medicine & Health Science and Management studies including 176 Ph.D. scholars received their degrees in various disciplines. 256 students were awarded medals for having secured First, Second, and the Third rank in their courses.

“Quality education will lead to massive transform”, said the chief guest Dharmendra Pradhan, Minister of Education and Minister of Skill Development and Entrepreneurship, Government of India. “To suit this, our education sector is developing and changing to meet the demand. This is done through the New Education Policy 2020.”

He urged students to take up entrepreneurship as it will help create a livelihood for people. “Think about the problems that are in your area of study and come up with technological solutions. This will lead to the holistic growth of our society,” he said.

In his convocation address, Dr. G. Satheesh Reddy, Secretary, Department of Defence R&D and Chairman, Defence Research and Development Organisation (DRDO) said, “The Institution has given you knowledge, now you must work hard and make your institution proud.”

He reminded students of APJ Abdul Kamal words ‘Dream, Dream, Dream’ and said, “Follow the words of our former President and work hard to make all your

dreams a reality.”

He elaborated on how DRDO has developed its own sonic missiles, battle tanks among other things. “Lots of innovation and technological development will make our country self-reliant.” He urged youngsters to innovative new technologies and be the drive to make this change.

“The basis of all research starts at academic institutions. So the aim of education should be to hence manpower with skills and carry out core research - in basic and applied. Today we have more than 50,000 start-ups attached to various government organizations. Most of these start-ups have come up from incubation centers in academic institutions. Our government gives lots of support and opportunity in terms of funds and tie-ups.”

In his concluding remark, he said, “Come up with disruptive ideas, technology, and innovation to make our country and your institution proud.”

Dr. T. R. Paarivendhar, Founder Chancellor of SRM Institute of Science & Technology and Member of Parliament, Lok Sabha preside over the convocation and presented the medals to winners.

Endowment award in the name of Tmt Pachimmal Palanimuthu for the best outgoing MBBS student in the final year and Tmt Swarnam & Dr. Krishnamoorthy Endowment Award for the best overall outgoing student of SRM Medical College Hospital & Research Center was awarded to Mr. Aditya NR for topping among all students in the final year and in the overall duration of the course in MBBS program.

The Annual report was presented by Vice Chancellor of SRMIST, Dr. C. Muthamizhchelvan. The Convocation was held in the presence of SRMIST's Pro Chancellor (Academic) Dr. P. Sathyanarayanan, Pro Vice Chancellor (Medical & Health Sciences) Dr. Lt. Col A. Ravikumar and Registrar Dr. S. Ponnusamy.



SRMIST's Founder Chancellor Dr. T. R. Paarivendhar, Pro Chancellor (Academic) Dr. P. Sathyanarayanan, Vice Chancellor Dr. C. Muthamizhchelvan and Pro Vice Chancellor (Medical & Health Sciences) Dr. Lt. Col A. Ravikumar presented awards and medals to students who topped their class at the 17th Annual Convocation held at the Institute's premises.

SRMAP to produce design thinkers to make India self-reliant

STAFF WRITER

SRM University-AP organised its University Research Advisory Council Meeting recently. Dr V K Saraswat, member, NITI AAYOG, chaired the meeting as the Chairman of the Council. Dr P Sathyanarayanan, President, SRM University-AP, Prof VS Rao, Vice-Chancellor, SRM University-AP, Prof D Narayana Rao, Pro-Vice-Chancellor, SRM University-AP, Dr Vinayak Kalluri, Registrar-in-Charge were among other dignitaries.

Dr V K Saraswat congratulated SRM University-AP for their remarkable progress as a university in the past two years. SRMAP has already made its reputation as a progressive research university of the new era with numerous laurels to its credit. "India is going through a pedagogical shift in terms of policy and implementation. National Education Policy (NEP) - 2020 has sagaciously replaced the age-old redundant policy of 1968. It feels wonderful to note that SRM University-AP is already following NEP-2020 and its recommendations. NEP-2020 has provided extraordinary possibilities and opportunities to make the best use of human and natural resources in terms of education and research. NEP-2020 focuses on making India self-reliant as a nation. Hence NEP-2020 is to create job providers, no more job seekers", said Dr Saraswat.

The suggestions and recommendations of NEP-2020 are curated to facilitate innovation and brilliance. The universities and educational institutions that are the cores of knowledge creation and dissemination are trusted with this responsibility of creating the leaders of tomorrow. In the twenty-first century, the focus should be on translational research of multidisciplinary nature. Industry-Academic relationships are needs of the hour. Dr Saraswat further proposed to develop Value Addition Centre in SRM University-AP to promote translational research. The centre will be strengthening the relationship between Industry and Academia to work on product engineering to deliver market relevant products. "Upscaling and upskilling are substantial in product engineering. We



SRMIST's Pro Chancellor (Academic) Dr.P.Sathyanarayanan, Prof.D.Narayana Rao Pro Vice Chancellor, SRMAP & NITI AAYOG member Dr.V.K.Saraswat at the inauguration of centre of Excellence at SRMAP

should further be focused on linking our curriculum to India's glorious heritage. Our ancestors made tremendous progress in science, medicine, astrology, astronomy and other branches that the outside world knows very little about. It is now time to remember them and learn from them," opined Dr Saraswat.

Following the recommendations of NEP-2020, focus should be put on Vocational Courses. It is vital that the students of this generation are aware of the science of engineering rather than science and engineering. Science of Engineering leads to the generation of knowledge, research with meaningful publications and recognition. Dr Saraswat further pointed out that liberal arts are an essential factor for holistic personality development in students.

India has an ambitious plan to make the country carbon neutral by the year 2070. Thus, encouragement is given on environment-friendly research. The focus should be on reducing the carbon footprint in nature with proper planning on the use-storage and distribution of hydrogen in nature. India produces many academicians, scientists and engineers every year, but today India is more about theoretical research. It is now time not only to write papers but also to produce designs that are market relevant. SRMAP should take the initiative in this regard to deliver India able designer-engineers.

Dr V K Saraswat inaugurated two Centres of Excellence that SRM University-AP has recently established to promote translational research. SRM Amara Raja Centre for Energy Storage Devices is set up, in

collaboration with Amara Raja Batteries Limited- Tirupati, with a commitment to application-oriented research in the renewable energy and e-mobility. Centre for pioneering studies in Gold & Silver will be working on flagship project with Titan Company Ltd (TANISHQ) to develop novel gold alloy for contemporary jewellery design. The centre also aims to work on projects in collaboration with Waman Hari Pethe & Sons, Mumbai and other jewellery manufacturers across India to produce high strength 22 Karat gold and develop tarnish free silver alloys.

Dr P Sathyanarayanan, President, SRM University-AP, shared his vision to make SRM University-AP as a new-age world-class research university. He agreed with Dr Saraswat and asserted that the management of SRMAP is ready to provide

every help needed. "SRMAP encourages deep industry engagements, entrepreneurship along with technological education and advancement. To provide holistic education to students, SRMAP provides a strong emphasis on liberal arts," said Dr Sathyanarayanan. Prof VS Rao, Vice-Chancellor, SRM University-AP, further elaborated on the extensive plan that SRMAP has to build a world-class university in the heart of Andhra Pradesh. The university has collaborative lineage with reputed names in education to provide best education to the students.

Prof D Narayana Rao, Pro-Vice-Chancellor, presented an overall roadmap of SRMAP's progress in research so far and the way forward. The nascent university proudly houses 4500 students and 180 faculty with a few foreign nationals among them. Several DST- Inspire, DBT-Wellcome, Ramalingaswami and Ramanujan faculty are crowning the university with their exceptional research and teaching abilities. Stanford Research recognises the faculty of SRM University-AP among the world's top 2% researchers. The university has published 678 papers in Scopus Indexed journals. The faculty are working on 38 projects with an outlay of 19.17 crores funded by the Government of India and Industry Giants. The committee agreed that fundamental areas cannot be compromised while working on the challenges in the education sector. High end teaching and research facilities are essential for higher studies organisations. In initial years, collaborations can be beneficial for networking and promoting qualitative deliverables. The committee advocated for design schools to promote brainstorming for qualitative research. Every institution should have 4 fundamental pillars of education-teaching, research, industry-academia relation, societal benefits. Teaching and research should go hand-in-hand. The weakness of the institutions today is undergrads are not given enough exposure to the practical knowledge of equipment. Critical thinking among students along with project-based teaching are to be encouraged from the initial years of the undergraduate studies.



SRMJEE 2022 registration begins for B. Tech programme

STAFF WRITER

SRM Institute of Science and Technology (SRMIST), (formerly known as SRM University) begins the online registration process for B.Tech entrance exam, SRMJEE 2022 (SRM Joint Engineering Entrance Examination). Qualifying in SRMJEE provides entry to all the campuses of SRMIST located at Kattankulathur (Main Campus), Ramapuram, Delhi – NCR, Vadapalani, and Trichy; SRM University, Sonapat-Haryana and SRM University, Andhra Pradesh. For further details visit www.srmist.edu.in

Admissions to B. Tech programme is only through the common entrance exam, SRMJEE 2022, which will be held through Remote Proctored Online Mode in 3 Phases during the months of January, April and June.

Many top notch companies from various domains consistently visit our campus and absorb our students. Last year we had an enviable track record of 7100+ Job Offers. SRMIST offers a wide range of scholarships making it affordable and accessible to all. To apply and for more details, kindly visit www.srmist.edu.in



SRM Hospital opens sensory garden for children

STAFF WRITER

SRM College of Occupational Therapy (OT) at SRM Medical College Hospital and Research Centre, Kattankulathur has opened a new sensory garden at its premises. “This sensory garden will follow the concept of ‘Learn, Apply and Play’,” said Pro VC (Medical & Health Sciences) Lt. Col. Dr. A. Ravi Kumar. “This is the first-of-its-kind in the vicinity and is a new concept that will help parent who have children with processing deficiency.”

Dean (Medical) Dr. A Sundaram said, “Many do not know about this treatment. However, it is important for parents to identify the problem at the earliest so that their ward gets the right treatment at the right time.”

Dr. Ganapathy Sankar, Dean, College of OT, said that the sensory garden is first-of-its-kind. He explained about how and why this garden would help to lead a better life. “This sensory garden has multi-sensory environment, enriched

with various sensory resources like tactile, visual, auditory, olfactory, gustatory, vestibule, among others.”

“The purpose of this garden is to experience therapy through play, to facilitate physical, mental and socialisation needs for children with sensory processing problems.”

Also present for this event were Medical Superintendent Dr. K. Thangaraj, Deputy Medical Superintendent Dr.R.Balamurugan among others.

SRMIST honours Chef Damodaran with Life Time Excellence Award

STAFF WRITER



International Chef's Day was celebrated at SRM Institute of Science and Technology (SRMIST), Kattankulathur had live food demonstrations. The theme for this year's event was 'Healthy food for the future'. Organised by SRM Institute of Hotel Management (SRMIHM) and South India Chef's Association, chief guest Chef Dr. K. Damodaran, SICA-President, Celebrity Chef, Guinness World Record Holder held an interactive session with students. He shared his work experience and love for cooking healthy meals which demonstrating on how to do the tradition meen kolumbu. “Chefs are the backbone of the food industry,” he said. He also urged senior chefs to pass down their skills and knowledge to the youngsters so that the latter may have the

opportunity to get creative and innovate newer meals. “Traditional food has a lot of healthy optional medicinal values. This will help in beating COVID.” Chef Damodaran was honoured with the Life Time Excellence Award by SRMIHM. Guest of honour, Chef N. Sheetharam Prasad, General Secretary - IFCA, Culinary Director, GRT Hotels & Resorts was honoured with the Service Excellence Award. The Vocational Excellence Award was presented to Chef Dr. M. Thirulogachander. In his speech Sheetharam Prasad said, “Students need to do a lot of research to develop good healthy eating habits.” He urged all the upcoming chefs to practice cooking and eating local food. SRMIHM also honoured 19 chefs from all over India who had participated in this mega event. Chef Zubin Writer, Executive Sous Chef at

ITC grand Chola also held a live demonstration for students. The fruit mixing ceremony was held during the event in which all the guests and chefs took part. The event concluded with cultural performance and prize distribution ceremony. Also present for the event was SRMIST Registrar Dr. S. Ponnusamy, Director (Hotel Management) Dr D Antony Ashok Kumar, Vice-principal SRM IHM Lalitha Shri among others.

“Chef Damodaran was honoured with the Life Time Excellence Award by SRMIHM. Guest of honour, Chef N. Sheetharam Prasad, General Secretary - IFCA, Culinary Director, GRT Hotels & Resorts was honoured with the Service Excellence Award.”

International conference on smart waste management

GAURI AWASTHI

The Department of Chemical Engineering at SRMIST organized a virtual international conference on “Smart Waste Management” on 11th and 12th October, 2021. The aim of the conference was to bring together leading academic scientists and research scholars to exchange and share their experience about waste management and recycling.

The convenor of the conference was Dr. Ashish Kapoor, the head of Chemical Engineering Department at SRMIST. The co-convenors were assistant professors Dr. Vishali and Dr. Kiruthika. The two-day event invited lecturers and professors from some of the

finest universities in the world to talk about their research in the field of waste management. Some of the keynote speakers were Dr. Claudio Cameselle, professor at the University of Vigo, Spain, Dr. I Made Joni, professor at the Padjadjaran University, Indonesia and Mr. Rajasekar, an engineer based in Boston, USA.

The notable topics of discussion included wastewater treatment, the need for an efficient legislation for everyday waste and environmentally sustainable waste management. Apart from the lectures, the conference invited a host of teams from across the country to conduct paper presentations and put forth their ideas for a cleaner future. The winning delegation was



The official poster for the Smart Waste Management conference

announced by Dr. M.P. Rajesh and awarded merit certificates and cash prizes.

The conference was a resounding success. It not only provided students with

an opportunity to learn but also gave them a platform to showcase their ideas.

Met gala - the fashion of tomorrow

NANDITA BHYRAVBHATLA

“America, A Lexicon of Fashion”, was an apt theme this year for what is referred to as ‘fashion’s biggest night out.’ With extravagant outfits worn by some of the fashion industry’s biggest names, the Met Gala is an event like no other. The Met Gala, or Met Ball, is commonly known as the ‘Oscars’ of the fashion industry. The event gives designers an opportunity to showcase their artistic brilliance on their celebrity muses. Founded in 1946 by fashion publicist Eleanor Lambert, the Gala was intended to be an annual fundraiser for the benefit of the Metropolitan Museum of Art’s Costume Institute in New York City. At its core, the purpose of the event has not digressed over its lifespan. In fact, through the decades, its significance as a household name, representation in the media

and inclusivity has progressed with the tide and trials of time. It has now become a night of great influence not only in the fashion and film industries but also to the common man. With this power comes certain responsibilities; representation of various cultures, political statements, sexual pride, and human rights are now commonly portrayed on the red carpet by designers. In 2021, the Met Gala turned the page to a new era for the event, by inviting social media influencers. In the past few years, social media creators have made their mark on this historic carpet in an attempt to appeal to a younger demographic and open the doors of the fashion industry to the general public. Though this was a topic of great debate amongst Met Gala fans and attendees, it brought to light the new-age meaning of the term “celebrity” and the importance of social media in this generation.



A dazzling display of artistic brilliance

Memories resonant, pages manila

ANSH JAIN

It was poking out of the bottom shelf, as if inviting somebody to reach for it. ‘Magic Tree House’, the title read, and on the cover were two children flying across Paris’ Tower riding a beautiful vermilion bicycle underneath the full moon’s gleam. That cover image, to this date, remains imprinted on my mind’s eye. It was the first novel I’d read in my life. And it was the beginning of this beautiful relationship I’ve had with many books over the years.

Humans are passionate creatures – we seek pleasure in our lives. And that is what the print media provides us. That is what my story was about. Nobody remembers the first PDF file they opened on their phone. Whilst, the earth-like scent of a new book, the ambience of reading a newspaper with tasteful morning coffee, the glamour those glossy magazine pages emit— these are vehement sentiments that our mind retains, feelings that cannot be replicated. Books offer us convenience and a sense of fulfilment. There is a satisfaction to the turning of pages, and a pleasant ardour while holding one. The feeling of having read a book’s content and finally turning over the cover is simply unparalleled. Print is the reason why beautiful



The iconic cover of The Magic Tree House issue

cover art, bookmarks, and hard bounds still exist. Being art, they add spiritual value to the book experience. Despite the few ways in which digital media can be said to be ‘better’ than

print media, they still aren’t comparable to books and other print mediums that have a deep impact on people across the world - making them relevant today and for all days to come.

Forgotten failures

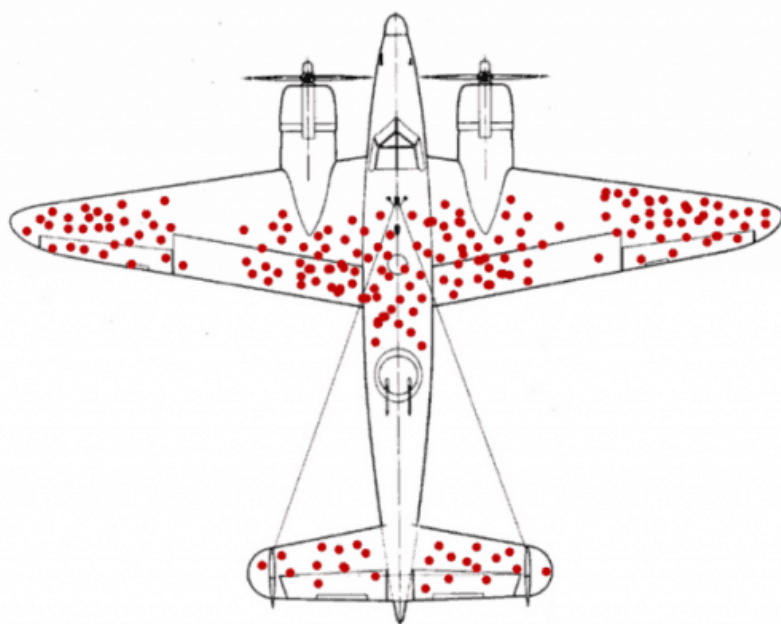
HAASSHIM M

The world admires a rags-to-riches, an average Joe to Superman story. This is evident in how Elon Musk, an everyday engineer who has become the richest man on earth, is considered an idol today. However, in our nation that produces a million engineers a year, it is only naive to overlook the stories of several talented folks who failed to make it to the top. This attitude is attributed to the tricky, yet fascinating, concept called “Survivorship Bias.” We, as humans, tend to be biased toward the ones who succeed and forget the ‘failures’ around the world.

The most famous anecdote of survivorship bias dates back to World War II. Mathematician Abraham Ward had to derive an efficient method to armor airplanes from being shot down. Upon examining the planes that returned from war, the military decided to reinforce parts like the wings and center because they bore the most bullet holes. They, however, ignored the need to examine the ‘failures’ – the planes that couldn’t make it back. Astutely, Ward identified the survivorship bias involved. He realized that holes in the airplanes which returned indicated the areas on which a plane could be hit repeatedly and could still keep

flying. Ward then proposed to armor the parts that were the least hit. This example depicts how survivorship bias can skew our perspectives.

Even gamblers play the slot machine in a casino, despite the odds of winning being 1 to 49,836,032. Once we understand survivorship bias, we can see it everywhere. With the ways of the world being unfathomable, blindly “following our dreams” may lead us astray. Apart from hard work and determination, it is essential to see the bigger picture and act accordingly. Hence, overcome your odds to succeed, but understand your odds to start off!



Molecular structure of caffeine

Coffee and the body

SHREYA BHAGWATWAR

All coffee drinkers would agree with “A bad day with coffee is better than a good day without it!” Coffee is one of the most enjoyed beverages of all time. Its effects on the body are intriguing. Coffee which has caffeine, is a methylxanthine, most commonly consumed by humans, is a nervous system stimulant. As a mild stimulant it has little risk of harmful effects. Effects of coffee are subtle and are hard to interpret and sometimes may go unnoticed.

Individual differences in sensitivity to the psychotropic effects of caffeine are attributed to 6 the genes present, associated with coffee intake and metabolism. Coffee is a nervous stimulant, and it affects sleep, mood, etc. Sleep and caffeine have a relation has been established long back, but

a certain adenosine receptor came to light recently regarding this. Caffeine diffuses rapidly, easily spreading to the brain and is also highly soluble in lipids and can cross the blood brain barrier either by diffusion or by saturable transport system. There has been speculation regarding the lowering of the development of diseases like Parkinson’s disease and Alzheimer’s disease in coffee drinkers; however, failure to establish a firm relation among genes and physiology has been reported in the literature.

Many debates are taking place regarding the good effects versus the harmful effects of caffeine and the tussle between normal coffee and decaf. All things kept in mind, one hopes to make the best choice and that is to start the day with a cup of coffee.

The revolution in store for a significant evolution

RAMAY RAJ SINGH

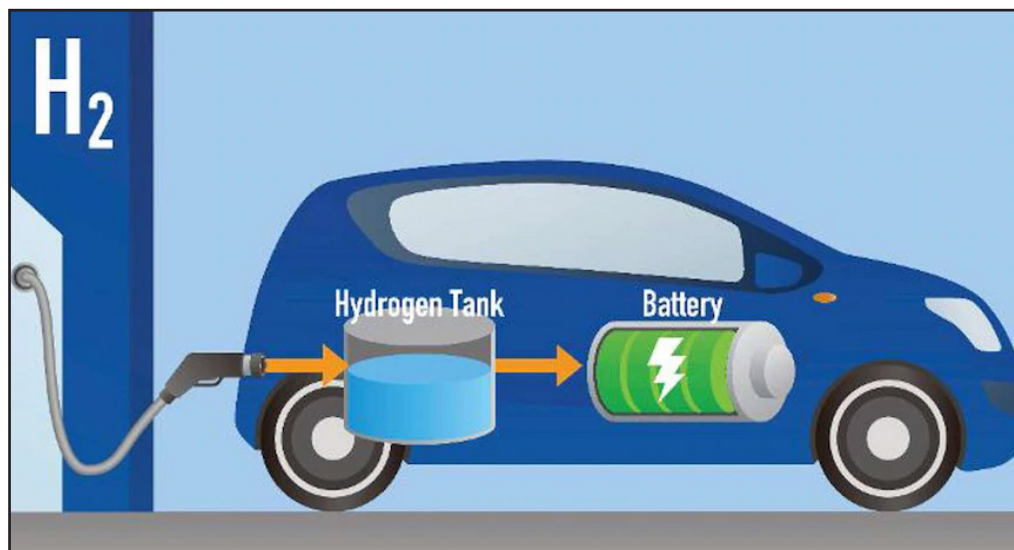
“Since the time of chariots, they have opposed all new vehicles”, read the headlines in the 1905 edition of Motor World. The battle between carriages and cars saw extensive debates, fights, and even legislations, as people chose camps. Those times, however, were different. Cars then were not as unfailing as they are today; poor infrastructure, frequent mechanical failures, and bumpy ride quality helped team horses retain quite a backing from the commons. The rest is history. Today, we are witnessing the same chain of events unfold as people did back in 1905. Discussions, though, have broken out on a different premise. Electric vehicles are

categorically better. But of which type? That is where the discord diverges into camps. There are essentially two types of electric power delivery platforms - BEVs (Battery-powered Electric Vehicles) and HFCEVs (Hydrogen Fuel Cell powered Electric Vehicles). Both use electric motors to generate power, but the difference arises in their techniques to do so. As their names suggest, BEVs use batteries, while HFCEVs use hydrogen. Now, one might wonder: why the divergence, if the end goal is the same?. It is no longer about the vehicle itself, but the support infrastructure it necessitates. Modern-day electric grids cannot sustain a society with BEVs as its primary mode of transportation.

A load that heavy would simply compromise the whole grid. Additionally, BEVs take a significant amount of time to

charge up. HFCEVs, conversely, can have their tanks filled up in minutes, with the added benefit of water as a byproduct of the

resulting chemical reaction. Plus, emplacement of Hydrogen stations is a far more feasible option.



The eventual form of evolution - gas to Hydrogen



Picture of the event taken during the drive

Going green

TYRA MINNAL VINAY

Under the Unnat Bharat Abhiyan, Department of Business Administration, SRMIST planted 5000 palm seeds in the Kadambur lake, near Kalivanthapattu village, along with New Generation Foundation and Bharathidasan Green Foundation. The organizers for the plantation drive included Pradeep S, Meghavannan and Rajasekar.

The event was inaugurated by Dr. V. Thirumurugan, the Associate Director of SRMIST. Following that, the students and staff of SRMIST planted vast amounts of seeds. Ramesh Kannan took part on behalf of the New Generation

Foundation. Dr. A Gajendaran, HOD-BBA, Shankar (PTF member) and B.R.Rajan also enthusiastically participated in the drive. The combined efforts of the students and staff made this day a resounding success. Concluding the event, Venkata Sastry Director felicitated the staff and students for their contributions towards the drive. The plantation drive was not only attended by the staff and students but also included the general public. In an effort to combat the harsh effects of global warming, SRMIST took part in this plantation drive, thus taking another step towards a greener and more sustainable future.

The steam deck – pioneering change in perceived saturation

RITIK SHRIVASTAVA

Valve, the parent company of the statistical overlord of PC gaming marketplaces, announced the Steam Deck.

It is a portable handheld computing device with a potential graphical and computational output of an X-Box One or a PS4 and a software configuration. It lets the user completely uninstall Steam OS and install a copy of Windows, allowing the device to be used as a PC. It also has the capability to output to external displays up to 8K through a dock. The Steam Deck gamepad resembles the PlayStation with some unique twists. Firstly, the D-pad and the four buttons are directly beside



Focused on gaming with the ability to run almost all modern titles

the joysticks. Furthermore, there are four customizable buttons on the underside of the device and two trackpads that are quite responsive in all use cases. When it comes to handheld games, Nintendo had somewhat of a monopoly

on the market. Their Switch was the only device of this form factor with the power to run modern games. However, that does not seem to be the case anymore. The release of Steam Deck by Valve is sure to spur developers to produce games and content that can be played and consumed through similar devices. Additionally, Valve is ready to provide any information that other Original Equipment Manufacturers (OEMs) require, to develop a Steam Deck of their own. Hence, the introduction of Valve's Steam Deck in the market has the potential to usher in a new era of gaming and directly challenge Nintendo's sole supremacy in the handheld gaming market. Change is coming and this is just the beginning.

“The release of Steam Deck by Valve is sure to spur developers to produce games and content that can be played and consumed through similar devices. Additionally, Valve is ready to provide any information that other Original Equipment Manufacturers (OEMs) require, to develop a Steam Deck of their own”

The golden autumn: colours of nature

UTTARA PHATAK

The golden sunlight emerges from between the trees as the cool wind blows away their dried amber leaves. An evergreen scenery takes up the shades of golden color. The longer it is described, the more peaceful it feels. These various unsung destinations, within India, deserve a visit from anyone and everyone! Let's read about three of them...

Jorhat, Assam

The cultural capital of Assam is one of the best places to stop by during fall. The warm sunlight highlights all the beautiful details and never fails to mesmerize the travelers.

Molai Forest, a spot that will not fail your expectations as

sightseers, was single-handedly planted by the Forest Man of India- Jadav “Molai” Payeng. The trees of different varieties show off their beautiful colors during this shedding season.

Har Ki Doon, Uttarakhand

Surrounded by snow-covered mountain peaks, is present Har Ki Doon. It is one of the top camping spots in the country and holds its special position in the hearts of many campers. The woods situated alongside this cradle-shaped valley display their autumn outfit. Lots of green grass, a tinge of blue waters, rough patches of soil floor and golden, red, yellow and brown colors of the shedding leaves- Mother Nature's recipe for a relaxing environment. Want to experience the grandiose of the



Great Himalayas? Dzongri trek is one of the finest sites you will ever go to. An ideal place for any adventurous soul who wishes to do a pre-winter trek. The mix of red- and yellow-

colored bushes present on the brown-colored ground makes you feel like a fairy!

Dzongri, Sikkim

The changing colours of

the Fall always amaze us with their astonishing beauty. Even though India is mainly a tropical country, some places still appeal us to stop by to admire their Autumnal colours.

Skilltober 2021

PRIYANKA R

On Oct. 22, 2021 the GitHub and Alexa Developers of SRM together organized an event on opportunities in open-source coding. As one of the official Alexa affiliated clubs at SRMIST, Alexa Developers SRM organises workshops and events to help students with open source and voice-based technology. GitHub SRM is no less with helping students with open-source software. They develop, design and maintain open-source projects that benefit the community.

Both these clubs had joined hands to invite open-source enthusiasts like Rahul Dhawan, Arkodyuti Saha, and Gita Alekhya Paul. Being an undergraduate of SRM, moderator Shivam Shekhar invited fellow graduate Gita Alekhya Paul, who's a GitHub externship alumnus and a keen cybersecurity student. Arkodyuti Saha, who also works at GitHub, emphasises on developer education and works closely with product and engineering teams. Rahul Dhawan, who is a security engineer at Postman Inc. has also contributed



Amazing session on open-source coding

to Metasploit Project in GSoc 18' program and other OSS projects. The event was sponsored by JetBrains, a ground-breaking software vendor, Jina AI who build and deploy AI based search applications, Hoppscotch, an open-source API development environment, and the GitHub Campus Partner Program. Gathering perspective from the mentors and opportunities from sponsors, the participants made the event successful and the top 3 won amazing goodies along with the invaluable gift of knowledge.

'Outliers'- Book review

SHREYAS VADREWU

What do Jack Ma, Jeff Bezos and Elon Musk have in common? They're all said to be self-made billionaires, having worked tirelessly to accrue their wealth from virtually nothing. Inspirational, right? Well, a certain Canadian journalist may disagree with you on that.

'There is something profoundly wrong with the way we make sense of success.'

In 'Outliers', Gladwell attempts to fundamentally transform our understanding of success, and successful people. He categorically rejects the contemporary belief of 'self-made' individuals, and instead argues that it is a combination of talent and a series of favourable events in one's life that leads to success.

'Outliers are those who have been given opportunities—and who have had the strength and presence of mind to seize them.'

Gladwell analyses several influential personalities and identifies 'hidden benefits', discreet advantages and subtle

cultural factors in an attempt to justify their extraordinary success. He deftly conflates seemingly unrelated parameters, sparking a fascinating (and daunting!) revelation in the minds of the reader - your success may ultimately depend on factors beyond your control! Would the layman ever find a relation in birthdates and sporting success? Or working in rice fields and mathematical ability? Or why some airlines are more likely to crash than others? Or perhaps, how being Jewish helped a corporate lawyer achieve immense success? Gladwell discusses the rather contentious '10,000-hour rule', the 'Matthew Effect' and the 'Power Distance Index' among others, in what is a truly enrapturing take on how we perceive success. 'Outliers' is a unique self-help book in that it doesn't supply banal Commandments to improve our life. Rather, it gently nudges us to remove our rose-tinted spectacles and adopt a more pragmatic view towards success, and the plethora of invisible advantages that aided the successful. So, whether you're a fledgling working professional or a seasoned stalwart, this book is a must-read for a fresh perspective that may serve you for a lifetime!

Why veganism?

KIRAN LOTEY

In this booming era of social media, new trends are emerging and dwindling every day. However, veganism is more than just a fad. As an idea, it is growing in popularity and distinctness. Veganism is often misconstrued as a diet, though it is a more widespread aspect. Vegans avert using any product that relates to animal cruelty or is detrimental to animals in any form.

Veganism is growing in many parts of the globe. While the growth might be slow in some places, there still is an irrefutable increase in vegan culture. People are giving up on animal products, be it for the environment or their health. One of the many reasons for it is to avoid the side effects caused by antibiotics and chemicals that are used in modern-day animal food culture.

While ethical vegans firmly believe that all creatures have the right to live, man is too chauvinistic in thinking animals do not consciously feel the pain humans do. According to the UN, farmed livestock accounts for 14.5% of the total greenhouse gas emissions caused by humans, which accounts for exhaust emissions of every car, train, ship and aircraft on the planet!

Another 2016 report on food and climate in the academic journal, Proceedings of the National Academy of Sciences (PNAS), said that if the whole world



20-40% of the Indian population is identified as vegetarian

"According to the UN, farmed livestock accounts for 14.5% of the total greenhouse gas emissions caused by humans, which accounts for exhaust emissions of every car, train, ship and aircraft on the planet!"

population went vegan, food-related emissions of the world would drop by 70% by 2050. It is more of a hypothetical situation, nevertheless not impossible. A significant change might be observed if at least half of it is performed. With interest developing in healthy eating, part-time veganism might become a full-time switch in many people's lives, bringing about a change in their lifestyles along with the environment.

The wondrous impacts of travelling

MEGHNA VADDADI

Life needs to be interesting and worthwhile. As humans, we tend to engage in activities that stimulate our senses and let us take a break from our realities. Hobbies, passions and desires make life meaningful and help us find genuine moments of happiness. Even though just existing in today's world is nothing short of an accomplishment, there is a need for expanding our knowledge of the world and people. Personality development is important in life and there are several activities through which one can grow and broaden their perspective. One such activity is travelling. Travelling involves a bundle of experiences and interactions which could have significant impacts on a person; it exposes them to a whole new world, introducing them to different cultures, traditions, and ways of life. One gets to learn how people from different regions of the world go about their day. Travelling nurtures respect and gratitude as well, in a very mellow sense of both words, because people realise that things that are abundant in their lives might be scarce in someone else's. Travelling is a visual feast that makes one slow down and appreciate each second, each minute, and each moment. Unplugging and exploring



The scenic spiritual beauty of Bhutanese hills

"Travelling is a visual feast that makes one slow down and appreciate each second, each minute, and each moment."

are all things that a person learns to do when they travel. It teaches them to adapt to compelling situations quickly; after all, most situations aren't worth getting worked up about. Working on self-discovery and acceptance while travelling brings out a person's inner creativity as well.



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IMPORTANT DATES
 REGISTRATION DEADLINE: 25th Aug 2021
 PRE-EVENT ROUNDS : 26th Aug 2021 onwards
 MAIN EVENT : 13th Sept. TO 15th Sept. 2021

"Business is future Passion is life - For anyone who dreams it"

Business is future passion is life - for anyone who dreams it

ANAMIKA TRIPATHI

An international level business plan event named Worktop 2.0 was organized by the College of Management, SRMIST, based on the theme - "Business is future Passion is life - For anyone who dreams it". The event was sponsored by Kerala's most authoritative business magazine called The Business Voice along with a union government-owned engineering company based in India called Central Electronics Limited (CEL). Each team had 2 to 5 members from various colleges in the country. There were four pre-rounds, in which students were tested to check their management-oriented skills. The main business planning events took place in the month, September 2021. The purpose of these events was to teach the participants about effective management, resource

management, multitasking, networking as well as proper scheduling and execution. The final business plan, curated with the help of 9+ mentoring sessions, was to be submitted by the team leader on time.

The event was inaugurated by the Vice President of Flipkart, Sriram Venkateshwaran. 1st rank holders were awarded a cash price of Rs.10,000 and second rank holders with a cash price of Rs.5,000. The highlight of the event was that the top 10 rank holders were promised that their plans will be published in The Business Voice, and the abstract book will be published along with the ISBN number. The event was conducted through an online mode consisting of the faculties of the College of Management of SRMIST and all the respective participants.

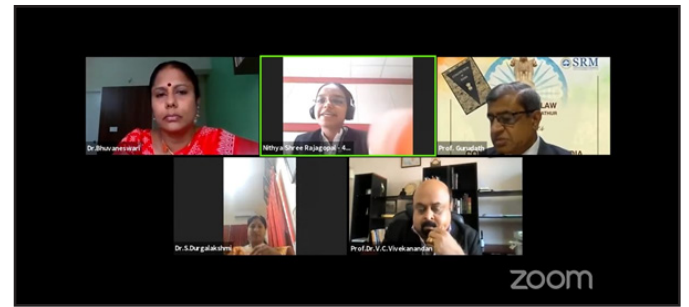
"The highlight of the event was that the top 10 rank holders were promised that their plans will be published in The Business Voice, and the abstract book will be published along with the ISBN number"

Third National Tamil Moot Court Competition 2021-22

**MOHAMED
AMSATH HASEEF**

Third National Tamil Moot Court Competition 2021-22 organized by the School of Law, SRM was conducted virtually via Zoom platform from recently. The problem statements were communicated privately upon their registration. They were supposed to submit their drafts by 18th October 2021.

The inaugural ceremony of the event was held on 22nd October 2021. Prof.C.A Gurudath, Dean, School of Law graced the inaugural ceremony of the event and welcomed the chief guest Prof. V.C Vivekanandan, Vice Chancellor, Hidayatullah National Law University and the



guest of honours Dr.R.Haritha Devi, Associate Professor, The Tamil Nādu Dr.Ambedkar Law University, Chennai; Dr.D.Bhuvaneshwari Associate Professor, The Tamilnadu Dr.Ambedkar Law University, Chennai; Dr.S.Durga Lakshmi, Government Law College, Salem among the other guests and delegates who were witnessing the event. The guest of honours

and the chief guest addressed the gathering, following which he declared the event open. The competition was held in various breakout rooms within the same Zoom meeting. Participants from various law institutes across the state took part in the event. The results of the competition were declared a day upon the completion of the event.

E- workshop on machine learning and data science

STAFF WRITER

The E-Workshop on Machine learning and Data Science 2021 was jointly organized on 11th and 12th of November 2021 by Department of Mathematics and Department of Data Science and Business Systems (DSBS), SRMIST, Kattankulathur. It was organized in association with the school of computing, IET and Institution's innovation council. The e-workshop started with the welcome address delivered by Dr. B. Vennila, HOD, Department of Mathematics, SRMIST. Around 300 members registered for the e-workshop, from across the states of the country. Eleven invited keynote speakers addressed to audience and shared their knowledge. The presidential address was given by Dr. Revathi Venkatraman, Professor and chairperson, School of computing, SRMIST. The introduction to the chief guest was given by Dr. M. Lakshmi, HOD, Department of DSBS, SRMIST. The inaugural address was delivered by the chief guest Dr. Khaja Sheriff, Professor and Head, Department of Management Studies, University of Madras. The e-workshop witnessed 6 invited talks on the first day. The first invited talk was delivered by Dr. Vijay Bhaskar Semwal, National Institute of

Technology, Bhopal on the title "Design of Computation model using Machine Learning and understanding Data Dimension Reduction for Model Selection & Fitting". The next invited talk was delivered by Dr. S. Stanley Sagayaraj, HCL Technologies, Bangalore, on the title "Statistical Analysis using python". The next invited talk was delivered by Dr. Magesh Kasthuri, Wipro Technologies, Chennai on the title "Lead Generation and Data Analytics to develop next generation CRM solutions". The afternoon session geared up about R programming and Tableau with hands-on training. Dr.N.Balaji, SRMIST-KTR, Chennai delivered the talk on "Data Analysis using R Programming", followed by Dr.Geetha S, from VIT, Chennai. She delivered the talk on visualisation using Tableau. This was followed by Dr. V. Sumathy's, talk on Sentiment Analysis using R from Loyola College Chennai. The e-workshop witnessed 5 invited talks on day 2. The second day of e-workshop started with the invited talk delivered by Dr. Abraham Varghese, Higher College of Technology, Muscat, Sultanate of Oman on the title "Adaptive Neuro fuzzy Inference system". The second talk was delivered by

Dr. Jayakrushna Sahoo, IIIT, Kottayam, Kerala on the title "Time Series Analysis Using Python". The next invited talk was by Dr.Rijo Jackson Tom, Senior Engineer Innovation. Augusta Hi Tech Soft solutions, on the title "Research directions in Data Science". Dr. Rama Krishnan from Ramakrishna Mission Vivekananda College (Autonomous) Chennai spoke on the topic "R for PCA & Structural Equation Models". The e-workshop concluded with Dr. Rajesh Mehta Thapar from Institute of Science and Technology, Punjab. Dr. K. Ganesan gave a very short and warm welcome address. Dr. P. Sampath introduced the chief guest Ishita Malhotra Marketing Analytics specialist, Gartner, Alumnus 2020 CSE batch who delivered the valedictory address. Dr. S. Mohana selvi brought before one's eyes the two day event in the workshop report. Dr. R. Varadarajan one of the coordinators delivered the vote of thanks. The curtains came down with the National Anthem. All the participants were then requested to take an online test to qualify them for certification. The workshop turned out to be a great success in spite of the heavy spells of rain in Chennai.



The department of Commerce and Humanities at SRM Public school

STAFF WRITER

The department of Commerce and Humanities at SRM Public school organised a mega event 'REVUSE 2021' meaning 'dreamer', with an aim to instil entrepreneurial skills in budding entrepreneurs. M.Subramanian shared his experience and Dr.K.R.Maalathi judged and validated the business proposals. Prior to this the principal S.Bhuvaneshwari motivated the students which set the tone for the event. The event gave the young minds an opportunity to explore their latent talents and exhibit it to their fellow-mates, facilitator and parents of SRMPS. Students also presented their business

proposals to the gathering by setting up of various stalls. The hallmark of the show was the creation of an e-commerce platform to launch the products to be sold and the utility of compact barcodes to track any lost product. Dynamic leaders' enthusiasm knew no bounds.

The event went on in a full swing which fetched more profits to the sellers. It rendered loads of personal and professional learnings to all involved, especially to the pupils. The road laid down to become future entrepreneurs was walked through meticulously and ecstatically. 'Revuse 2021' was indeed a grand event with its quantum leap towards making future entrepreneurs.

Agricultural outreach at Lathur village

The students of SRM College of Agricultural Sciences as part of an outreach study are assigned a block at Rural Horticulture Work Experience at Lathur village where they try to identify the reasons preventing technologies to the farmers through participatory rural appraisal. The students also met the local farmers to learn native farming practices. Later they proposed 25 theoretically made demo models which the farmers can adopt and implement in their field. School students from the Lathur village were also taught to make seed balls and spread awareness on protecting environment.



SRM & GoI successfully complete & disseminate key findings of NFHS 5 for TN & Puducherry

STAFF WRITER

School of Public Health, SRM Medical College Hospital and Research Centre (SRM MCH&RC), Kattankulathur was awarded the prestigious National Family Health Survey-5 (NFHS) projects in 2018 for Tamil Nadu and Puducherry (II Phase States).

On the Government of India (GoI) released the key findings of the survey after the successful completion of 14 states of the second phase by Dr. V.K.Paul, Member Niti Ayog and Shri. Rajesh Bhushan, Secretary, Ministry of Health and Family Welfare. For more information on the National Dissemination visit https://www.iipsindia.ac.in/sites/default/files/National_Dissemination.pdf.

NFHS-5, the fifth in the NFHS rounds, provides information on population, health, and nutrition for India and each state/union territory (UT) and also provides data at the District Level. The metrics of NFHS-5 are similar to NFHS-4 to understand patterns and to allow temporal comparisons.

As in the previous rounds, the Ministry of Health and Family Welfare, designated the International Institute for Population Sciences, Mumbai, as the nodal agency to conduct NFHS-5. The main objective of each NFHS is to provide robust data on health and family welfare and emerging issues in this area to help direct policies at the Central and Local

levels. This round includes some new topics, such as preschool education, disability, access to a toilet facility, death registration, menstrual hygiene, and abortion. The scope of clinical, anthropometric, and biochemical testing (CAB) has also been extended to include measurement of waist and hip circumferences, and the age range for the measurement of blood pressure and blood glucose has been expanded.

This fact sheet provides information on key indicators and trends for Tamil Nadu. Due to the pandemic situation and the imposition of lockdown, NFHS-5 fieldwork in phase 2 States/UTs was conducted in two parts. NFHS-5 fieldwork for Tamil Nadu and Puducherry was conducted from 6th January to 21st March 2020, prior to the lockdown and from 21st December 2020, to 31st March 2021 post lockdown by the School of Public Health. Over 30,000 households, 29,000 women, and close to 4000 men in Tamil Nadu (http://rchiips.org/nfhs/NFHS-5_FCTS/Tamil_Nadu.pdf) and Puducherry (http://rchiips.org/nfhs/NFHS-5_FCTS/Puducherry.pdf) were surveyed.

The success was only possible due to the encouragement and support received from the Pro-Chancellor (Academics) Dr. P. Sathyanarayan, Vice Chancellor Dr. C. Muthamizhchelvan and Pro VC (MHS) Lt Col Dr. Ravikumar.

The executing team under

“NFHS-5 fieldwork for Tamil Nadu and Puducherry was conducted from 6th January to 21st March 2020, prior to the lockdown and from 21st December 2020, to 31st March 2021...”

the leadership of Dr. Padma Venkat, Dean, School of Public Health (SPH) comprised of Co-Project Leads Ms. Geetha Veliah and Dr. Prakash. M, Assistant Professors. They were ably supported by a core team of Dr. C. Ramanujam, Dr. M. Bagavandas, Dr. G. Vadivu, and Dr.M. Lograj for conducting Tamil Nadu North and Puducherry and by a core team constituting of Dr.B. Kalpana, Dr. Varadarajan, Dr. Kayalvizhi Jayavel, and Dr. Balaji. RB for Tamil Nadu South for the Main Survey, by Dr. Bharathi and Mr. Sathish for the Mapping and Listing phase, and colleagues from the School of Public Health.

The team acknowledges the required support extended by the Governments of Tamil Nadu and Puducherry and the respective health departments. For more information about NFHS 5 (TN and Puducherry) and its implementation connect with the Dean, School of Public Health at dean.sph.ktr@srmist.edu.in.



Astrophilia celebrates World Space Week' 21

As 2021 observed its dive into the World Space Week, Astrophilia treated itself and its followers with an enthralling series of four colloquiums, every alternate day. These colloquiums were also designed to orient Astrophilia's new recruits. The following discourses by four writers present insights into the colloquiums, respectively.

Auditing Gravity

ADITYA CHOUDHURY

Auditing Gravity was a 2-hour session much unlike traditional refresher or introductory lectures that deal with the physics of gravitation.

The session took an unconventional approach to the study of gravity condensed into the 2-hour format: rather than painting a picture of the finer mathematical essentials, the module delved into humanity's relationship with and perception of gravity. Starting with early preconceptions of gravity in human history and societies, the session paced itself evenly to work its way up to the most foundational areas and epochs of the modern understanding of gravity.

Overall, it was an enthralling and promising session with crisp and lucid presentation, clear dissemination of concepts, and the foundational ideas of gravity space and time function on.

Adrift the Shoulders of Orion

SIMRAN SACHDEVA

Viswadruth Akkaraju, one of the convenors for Astrophilia, and Atandu Wadhwa presented an incredible and not to mention indelible virtual session to the attendees, whilst exploring the what, how and why in human's peculiar quest for intelligent life in the universe during past, current, and coming decades, including insights on various engrossing themes from past voyager missions to analysing the infamous Arecibo message and so much more! Besides all the didactic elements, their incessant pop culture reference and the fun trivia were the cherries on the cake.

The speakers talked about NASA's twin Voyager spacecraft, Voyager 1 and Voyager 2, inspired by the Pioneer Missions,

showing the world the unseen fragments of our solar system where nothing from Earth has flown before. During the late 1970s and the 1980s, because of the rare geometric arrangement of the outer planets, the four-planet journey with gravity assists required minimum propellant and time too!

The second half of the session, for the most part, was about our attempts so far to communicate with possible intelligent life.

Consciousness

AJITHA NAYAC

Have you ever wondered how light, an electromagnetic wave, implements colour? Prof. HC Verma says that light itself does not contain any colour and that it is perceived in the brain. While that might as well be true, he does not throw any light on the mechanism of perception. The apparent problem then sustains, how do colours arise.

A part of World Space Week, Divyansh Mansukhani's attempted to address the question discussed above. He reminded that the brain – just like light – is after all composed of elements that can be expressed quantitatively: physical neurons, the current conducting in them, etc. If something like light could not seem to give birth to colour, how could then brain? Thus, yet again the question remains – how do colours arise?

Divyansh compares experiencing qualities with conscious experience. He says that one is conscious if she experiences the redness of the

“The beauty of physics is that it is accustomed to change every time new evidence is found and new observations are made.”

apple or the beauty of the star. Thus, the question finally resolves as “why does consciousness emerge.” This is what the pop cult calls as the “Hard Problem of Consciousness.”

Since Divyansh's talk was organized in collaboration with Cognitive Appl. Research Lab, he went on to speak on the computational aspects of consciousness, strong and weak artificial intelligence and Roger Penrose's non-computability the session was thoroughly profound and groundbreaking in terms of objective and insightful dissemination of a wide variety of relevant concepts.

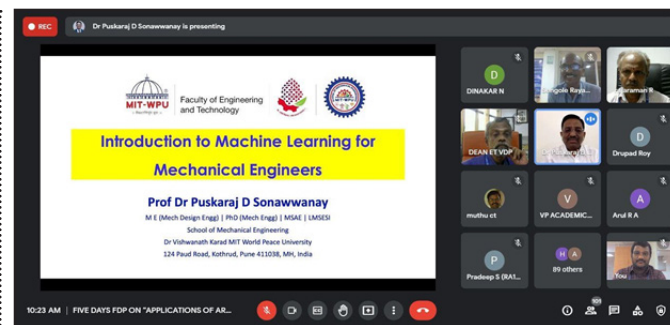
Phynancials

SINDU RAMAN

Davide Zeppa, who is affiliated with the University of Glasgow, was invited to speak. Inspired by his knack since undergrad times to make parallels between economics and physics, he delivered an electric presentation on his attempts at reconciling interconnected but unrelated disciplines such as neuroscience, psychology, economics and physics.

Conventional wisdom tells us that in any situation, rationality means making a decision to generate the best possible outcome. It tells us that being too emotional is counterproductive to decision making. But what about being emotionless? We need to realize that emotions are a guiding tool for the consciousness to make decisions. The influence of emotions and different states of mind cannot be explained by the classical theories because rationality was taken as an axiom. We cannot explain or propound a concept until we explain why it's important. The beauty of physics is that it is accustomed to change every time new evidence is found and new observations are made. One important thing that economists could stand to learn is the adaptability and flexibility demonstrated by modern physicists.

Zeppa wants us to update all the evidence in our cards. To take into account the human factors that are inconsistently consistent, to put forward theories that will change as our behavior changes, and finally, to embrace change!



Five days FDP on “Applications of Artificial Intelligence & Machine Learning in Mechanical Engineering”

STAFF WRITER

The Department of Mechanical Engineering recently conducted a Five days FDP on “Applications of Artificial Intelligence & Machine Learning in Mechanical Engineering” through online mode. The five days were planned with 10 sessions. All

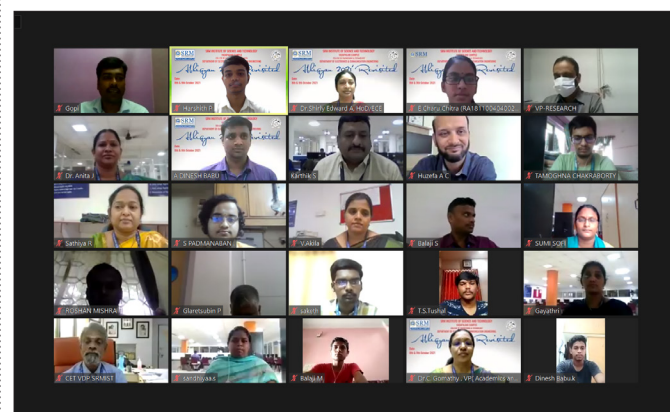
the sessions were handled by eminent professors from both industry and academia. Overall 300 registrations were received from various institutions. And 100 + Participants attended. The participants who have attended all the sessions were provided with a participation certificate.

Abhigyan 2021

STAFF WRITER

Abhigyan is a national level technical symposium for students organized by the ECE department every year. The main objective of conducting this event is to develop the leadership and team working skills among the students. This symposium witnessed the enthusiastic participation of 700 students across 8 events that tested their wits and abilities. This 10th edition of Abhigyan 21-Revisited, was held recently in virtual mode. The gathering was honoured by the presence of chief guest Mr. A. C. Huzefa, Domain Head - Electric and Hybrid Vehicle Technology, Ashok Leyland, Chennai and Mr. GopiGovindaswamy, Lead Engineer, Boeing, Bengaluru was the guest of honour. Dr. A. Shirley Edward, HoD/ECE, presented the welcome address and showed the glimpse of events organized by Electrum club association during this pandemic. The event starts with an auspicious note of the lighting

of the E-kuthuvilaku. Dr. S. Karthik, Faculty coordinator of symposium gave a brief report on Abhigyan'21- Revisited and mentioned the list of technical and non-technical events. Mr. A. C. Huzefa released the Abhigyan'21-Revisited Souvenir. Dr.C.Gomathy VP (Academics and Placements) gave the felicitation address and appreciated the efforts of students in organizing this event in grand manner. Dr. CV Jayakumar (Dean CET) discussed the importance of the engineering field during his presidential address. The chief guest gave an inspiring speech for students on positive attitude. Mr. GopiGovindaswamy discussed the key skills required for the budding engineers. Shri J. Chandrakumar, Director (Admin) encouraged the students by quoting the need to invest in improving the practical know-how of every engineering concept. The chairman of the electrum club Mr.P. Harsith proposed the vote of thanks.



Self Defense Programme on 'Save Ourselves'

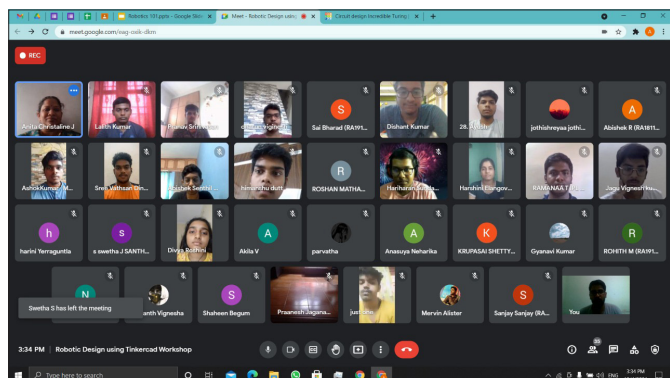
STAFF WRITER

SRM-IST Vadapalani Campus conducted "Save Ourselves (SOS)" a self-defense program for women (students and faculty members), under the Saksham Wing recently at the SRM Vadapalani campus Auditorium via both online and offline mode (blended mode). Dr. C. Praseedha, Head of the Department, DoMS and the nodal officer for Saksham wing welcomed the gathering and gave a brief description on the various activities conducted under the banner. Dr. C. Gomathi, Vice Principal - Academics and Placements emphasized the importance of women safety and also shared the insights regarding POSH law. The resource persons for the day's event were Mr. Nicholas, Ms. Keerthika and Mr. Rohith from Chennai MMA Training Academy. The session showcased various scenarios on how the predator would try different ways to hurt the victim. And



Mr. Nicholas demonstrating various striking and disarming techniques to the participants

they also made a practical session on various self-defense techniques to be followed in those situations. All the techniques demonstrated were practiced by all the participants during the session. The event also contained a visual report of all the Saksham Wing events that took place in the past few years. The event was much appreciated by the participants.



Workshop on Robotic Design using TinkerCAD

STAFF WRITER

Robotic Design using TinkerCAD workshop was conducted recently. It was a 5hrs workshop which started at 10:00 and ended at 16:00. About 70 participants registered for the event. The workshop had 3 major sessions, first was Introduction to Robotics, Arduino, sensors, and basics coding in Arduino. It started from the basics of Arduino, its pin diagram to the most used functions in code were taught in this session. The next second session was building an IR-controlled Car using an Arduino in the TinkerCad platform. The

participants were encouraged to open TinkerCad and do the steps simultaneously. The aim of creating this project was to introduce the participants to working of IR sensors and use a remote to control a car. In this connection, the event was a very successful one. Participants were given an hour break after building the first project. The last session was on building an obstacle-avoiding robot. Ultrasonic sensors were introduced to the participants while building this project. All participants attended enthusiastically and made the session mind blowing for them.

Everything About placement Preparation

STAFF WRITER

The Alumni talk on the "Everything About placement preparation" topic was delivered as virtual meeting recently. The objective of the program was to provide students with a basic knowledge on how to prepare for placements.

The Resource person Mr. KadaliKalyan, is an alumnus of VDP campus from the Batch 2016-2020 in B. Tech Computer Science and Engineering.

The SRM placements are divided into 3 groups of placement categories. The

first category of placement companies is Mass with a maximum package of around 5 LPA. The Dream category is second category with company package ranging from 5 to 10 LPA. The third and the final category is Super Dream with package ranging 10+ LPA. A student who got placed in a Company from Mass category cannot apply for another company from the same category, instead he/she can apply for companies from higher category groups like Dream and Super Dream. Our main goal is to convince the prospective client that your skills, talents, and experience are

just what he or she needs, at just the right time. Participants were educated on how to approach fellow engineers for referrals; how to optimize resume, and make sure to not add anything which you did not do on your own. Make resume based on the job description and make sure to use the tech keywords from the Job description. Finally make the most of the college life. Build a personal brand, attend tech talks, freelance, internships, build your personal portfolio. The event was coordinated by the alumni coordinators of CSE department.

Preparing the students for successful placements in multinational Companies

STAFF WRITER

SRM IST - Vadapalani Campus placement team has taken an initiative to help the current final year students to connect with the immediate seniors (2021 batch) who were placed through the Campus. The objective is to share the success story of the alumni with the juniors in turn to motivate them for the campus placement preparations. "Success Stories" event is a series.

Sowmya and PrमितKarmakar got placed in Infosys last year through the campus hiring process, recently they addressed their immediate juniors and shared their inputs on handling the upcoming Infosys hiring process. Sowmya explained the recruitment process of Infosys. She gave all the possible information to make a student hire for the same. At the same time she focused on the areas that students should focus on. She also provided reference

materials for the preparation. PrमितKarmakar also shared his Infosys interview experience in a detailed manner. He motivated the students thoroughly by clearly explaining about the focused preparation, to crack the Infosys interview should be

easy. Overall, the program was well-received by the students. They found it very useful and informative. Over 45 students participated in this programme. The event was coordinated by Dr. DeivaPreetha C A S and Mr. Rajavel.

JPEG - Just Photoshop Everything Grand!

STAFF WRITER

The Design and Innovation Club of the CSE department conducted a two-day workshop JPEG (Just Photoshop Everything Grand) followed by a Mad ad contest. A hands-on session on photoshop was held recently through Google Meet platform for first and second-year students of SRMIST-VDP Campus. Mr. Kevin, a final year CSE

student from SRM and CEO of Millennial Labs who took this photoshop session from basics to the intermediate level. This was an engaging and informative session where students acquired great knowledge in designing and also had a good amount of fun while learning interesting photoshop tools and how to use them while designing a poster in an advertising aspect. It was very surprising that

most of the designs from the participants were stunning. As most of the participants had no prior experience in photoshop even came out with wonderful images. The winners of the programme were announced and were given an opportunity to post their works on Patissez and Blind Chemistry. This amazing 2-day event ended in a play way method, which was very effective.

One day workshop on Zebrafish Research

STAFF WRITER

Organised by Department of Pharmacology, SRM College of Pharmacy

The Department of Pharmacology, SRM College of Pharmacy, organized a one day workshop on “Zebrafish Research” on 08th October 2021. The workshop was organized to impart basic knowledge and hands-on training using zebrafish as a pharmacological screening model. The workshop was aimed at Final year B.Pharmacy, M.Pharmacy and Ph.D research scholars. It provided the delegates with a basic knowledge of breeding zebrafishes, administration of drugs, and isolation of organs. The workshop had three speakers

imparting their knowledge on various techniques to utilize zebrafish for screening drugs. The first session by Dr. Angel Jemina, CEO of TRI- Tiruchy performed numerous techniques on handling, blood withdrawal, egg collection, blood collection and drug administration using the zebrafishes. The next session was handled by Dr. Kiran Kumar from Dept. of Genetic Engineering, SRMIST on Tumorigenesis in zebrafish. The last session was from Mrs. Shanmugapriya Surendran of Whizbang Bioresearch Pvt Ltd, Chennai who delivered on neurobehavioral and histopathological methods using zebrafish. The workshop had around 60 delegates who had an immersive hands-on session with the speakers.



The allure of cinema

ANAGHA SUNIL

Although we cannot clearly define the advent of films as an artistic medium, the Lumière brothers public screening of 10 short films in Paris on November 1, 1895, is believed to have laid the foundations of the film industry. Along with realistic film footage like ‘Workers leaving the Lumière factory’, the brothers also screened L’Arroseur arrosé, a staged silent comedy, which is regarded as one of the first artistic expressions in cinema.

Films became a global phenomenon and soon established themselves as a viable industry, marked by innovation and creativity. But what sets them apart from other artistic mediums was their acceptance by the intellectuals and masses alike. They catered to the creative and intellectual sensibilities of both the rich and the poor. The allure of cinema surpassed the distinctions of class and creed. Films soon leapt from minute long, silent,



Pioneers, auteurs and iconic films of the past and the present

black and white productions to spectacular feature-length epics. The unprecedented success of films as an art form raises the question, what draws one to the cinema? Why do people succumb to the allure of the silver screen? Superheroes, monologuing villains, damsels in distress, femme fatale, quick drawing cowboys, suave spies, conflicted law enforcement

officers, one-person armies and charming con men, films are varied as they can be. From enchanted castles to bleak prison cells, brain-eating zombies to wisecracking pirates, giant sharks specialising in sneak attacks to the heart-wrenching tale of loneliness and friendship between a naïve cowboy and a hapless crook, films have tackled it all.

Catharses, adventure, emotional fulfilment, intellectual engagement or entertainment, films have it all covered. Movies make one laugh, cry, doubt and hope; it touches something inside and makes others feel. The feelings it inspires, awe and despair, love and loss; the vague and familiar are all odes to what one indeed are- human.

In Defence of technology

MOHAMMED FADIL

On the Oct. 8, 2021 a riveting lecture program regarding the technological advancement in defence was conducted by SRM Institute of Science and Technology, Kattankulathur as part of the 75th Azadi Ka Amrut Mahotsav. The event was in collaboration with the Combat Vehicle Research Development Establishment – Defence Research and Development Organization. Dr. V. Balamurugan, CVRDE Director was invited as the chief guest. Addressing the students, he expressed his warmth and spoke about rapid technology advancements that are transitioning the defence department. Furthermore, he elaborated on the functioning of the department through gripping visual presentation.

He also urged the students to come up with innovative ideas that will aid the defence forces in the future. The lecture concluded with an interactive Q&A session with the students where they put forth various queries. Following this, Dr. T.V Gopal, Dean of SRMIST, articulated the achievements and accreditation of SRMIST. He also informed the students about the myriad of opportunities they can explore for the betterment and wellness of the society.

The lecture was informative as well as immensely engaging. It not only provided students to listen and learn from such imminent personalities but also gave them a chance to interact with them. The event was a resounding success and a great learning opportunity for students of all disciplines.



Dr. T.V Gopal, SRMIST Dean (CET) awarding the memento to Dr. V. Balamurugan, CVRDE Director

“ Films became a global phenomenon and soon established themselves as a viable industry, marked by innovation and creativity ”

Five former child laborers rehabilitated at Bal Ashram selected for higher studies at SRM IST, Chennai

STAFF WRITER

On the eve of Children's Day, five children rehabilitated at Bal Ashram established by Nobel Peace Laureate Shri Kailash Satyarthi and Smt. Sumedha Kailash, have secured admission in the prestigious SRM Institute of Science and Technology, Chennai.

They were rescued by Shri Satyarthi's organization BBA and were rehabilitated at Bal Ashram where they continued with their studies. Living and studying in Bal Ashram, all of them passed Class 12 examination with flying colours. Bal Ashram was the first long-term rehabilitation centre for children rescued from child labour, trafficking, abuse and exploitation established in 1998 in the Aravalli Hills of Viratnagar, Rajasthan. Since then, Bal Ashram has established itself as a center for child participation and child leadership development across the country.

Children rescued from labour and bondage, have now become role models for other children and the community. While some have become engineers and lawyers, some have become social workers and even singers. Till date, 1431 children have been rehabilitated and mainstreamed with the society.

Children of Bal Ashram who

have been enrolled in various courses of SRM Institute of Science and Technology, hail from the most vulnerable and marginalized sections of the society.

These children have been selected in the courses of B.Sc (Physical Education), Bachelor of Physiotherapy, Hotel Management, Diploma in Nursing and Bachelor of Administration of SRM University. SRM Institute of Science and Technology (earlier known as SRM University) is one of the top universities in India with over 52,000 full-time students and over 3,200 faculty across campuses.

SRM Institute of Science and Technology has been awarded the highest rank in the year 2018 by NAAC (National Assessment and Accreditation Council). The institute has been ranked first with 12B status by the Ministry of Human Resource Development and University Grants Commission. The university has been ranked 35th nationally in 2020 under the category of universities by the National Institutional Ranking Framework (NIRF).

The children of Bal Ashram who have been selected by SRM, despite the multiple hurdles they faced in their lives, secured high grades in the Board examinations. 19-year-

old Sanjay Kumar, who scored 86 per cent marks, has been selected for Hotel Management and Catering course. Sanjay's determination and hard work is commendable. Sanjay, who hails from Virat Nagar in Rajasthan, has two sisters. His mother and siblings were forced to work in a brick kiln due to financial crisis. Sanjay was rescued by Bachpan Bachao Andolan and was brought to Bal Ashram in 2010. Among the others selected by SRM, is 21-year-old Imtiyaz Ali who got 67 per cent marks in Class 12 in the year 2020. He has bagged admission in Diploma in Nursing. Due to extreme poverty, Imtiyaz had got entangled in the clutches of traffickers who brought him to Delhi where he was made to work for nearly 16 hours a day in a zari (embroidery) factory. Bachpan Bachao Andolan activists rescued him and he grew up in Bal Ashram. 18-year-old Manish Kumar has been selected for Bachelor of Physiotherapy. He scored 66 percent in Class 12. Abused by his father, Manish ran away from his house. Left with no option, he started begging in the train. His life however changed when he came to Bal Ashram. Today, he actively participates in cultural programs as well.

Securing 64.8 per cent marks in his Board examinations, 21-year-old Chirag Alam has been selected for BBA course. Rescued by Bachpan Bachao Andolan from a bangle making factory in Delhi, he grew up to live his dreams at Bal Ashram.

Battling abject poverty in his childhood, 18-year-old Mannu Kumar Oraon from Purnea in Bihar – who grew up at Bal Ashram after being rescued from being a child labour – is today eagerly looking forward to completing his B.Sc (Physical Education) course with flying colours. "We couldn't be more proud of our children. I and Kailash ji had faith in these children from the very beginning ever since we got them out of child labor and brought them to the Bal Ashram. I wish all the children of Bal Ashram to progress well in life and get their desired destinations", said Co- founder of Bal Ashram, Sumedha Kailash.



SRMIST women's basketball team wins INBL trophy

STAFF WRITER

SRMIST Basketball Womens team have the INBL 3on3 Open Tournament organized by Basketball Federation of India, on 19, 20 November 2021 at Bangalore.

Priyanka.P of II B.A English, Parthiba priya.J of II MBA and Rajeswari.S of I Msc Yoga have Represented SRMIST in this Championship and clinched the title.

Team SRM beat the Rail Warriors by 18-16 and won the tournament with a cash prize of INR 20,000

SRMIST team wins National level football tourney

STAFF WRITER

SRM Institute of Science and Technology, Kattankulathur emerged winners of the recently concluded National Level Invitation Football Tournament organised by First Touch Football Academy. The team edged over Pondicherry FA Greens and took the win.

The tournament was inaugurated by SRMIST's Dean (Science & Humanities) Dr. A. Duraisamy. He wished the players and urged them to

play their best in the four day tournament that took place in SRMIST grounds.

About five teams from all over Tamilnadu took part in this event. The winners were awarded with trophies by Dean Research Dr. B. Neppolian. In his valedictory speech he emphasized on the need to practice and stay focused.

The tourney which was held over four days saw some of the best talents in the State showcase their football skills.



Our SRM IST Football (Men) Team won the National Level Football tournament Organized First Touch Football Academy @ SRMIST Football Ground, on 22nd to 26th November, 2021.

“Children rescued from labour and bondage, have now become role models for other children and the community”

Ojes aced the chief minister trophy title. Surya and Vijay secured third position

STAFF WRITER

Tamilnadu Chief Minister trophy tennis tournament was held at SRMIST kattankulathur campus courts.

Ojes Theyjo, Student of SRMIST won the chief minister trophy tennis tournament.

Ojes Theyjo was awarded with Rs. 1 lakh for winning the title

S. Surya and S. Vijay secured third position in this tournament and they were awarded with Rs.50,000 each



Ojes Theyjo
I MBA



Surya
I B.A English



Vijay
I B.A English



Tamilnadu State Ranking Badminton

STAFF WRITER

Arjunkrishnan & Mohan Raj Students of SRMIST bagged the "Tamilnadu State Ranking Badminton" Title

The Tournament was held at Kanyakumari during Oct. 16 and 17 2021. It was a very prestigious tournament for the Elite Badminton players in our country.

State level volleyball tournament won by SRMIST

STAFF WRITER

The SRMIST women volleyball team won the state level volleyball tournament organized by Sunshine Volleyball Club at SAI Indoor Stadium, Mayiladuthurai on Nov. 27 to 28, 2021.

Team SRMIST beat the

American College, Madurai at a score of 25/11, 25/12 and the second league match against SAI mayiladuthurai at 25/14, 25/16.

The final league match was between SRMIST and PKR college, Erode in which SRMIST won at 25/22, 25/15 making the tournament theirs.



SRMIST badminton players are in the International badminton challenge

STAFF WRITER

SRMIST badminton players' participated in the international badminton challenge 2021, organized by Infosys foundation of India. The Tournament was held recently at Bangalore. Player belonging to various departments of the SRMIST campus participated in the tournament.

Following players of SRMIST participated in the above tournament

Arjun Krishnan- I MBA
Mauryan- I MBA
Rithvik Sanjeevi- I BBA
Thanusree- I MBA
Pranavi- I BBA
Kavipriya – I BBA
Malvika Bansod- II B.Tech



Thanusree
I - MBA



Pranavi
I - BBA



Kavipriya
I - BBA



Malvika
Bansod
II - B.Tech



Ganesh in the run to achieve refereeing goals

STAFF WRITER

Ganesh R, Full Time Research Scholar Belonging Department of Physical Education and Sports Sciences, also a National Football Referee under All India Football Federation (Governing body of football in our Country)

GANESH was nominated to attend the physical Fitness Test at LNIPE College, Gwalior during 16-19th October.

He successfully completed the Qualifying Fitness test for National Football Referee among 120 Referees out of totally 196 Referees in our Country.



And he was appointed to do refereeing in the "Santosh Trophy National Football Championship" which was held at Bhubaneswar, Odisha during 1-5, December 2021.



SRMIST hosted inter district and junior state basketball championship

STAFF WRITER

Chennai Zone Inter District Basketball Tournament was held SRMIST KTR Campus. 8 men and 8 Women Teams consists around 240 players were Participated in this Tournament. Dr.Ravi Pachamuthu, Pro Chancellor

(Administration) SRMIST Presided over this tournament and gave away the trophies and medals to the Prize winners. Junior State Basketball Championship in coordination with Tamil Nadu Basketball Association was organized. 8 men and 8 Women Teams consisting around 250 players participated in the championship.

State Champions- SRMIST Men Kabaddi Team

STAFF WRITER

SRM Institute of Science and Technology Men’s Kabaddi team have Won “State Level Senior Kabaddi Tournament” held at Vellore, Tamil nadu.

About 12 students belonging to various departments of SRMIST participated in the tournament

SRMIST Kabaddi Players listed below with their respective class.

KABADDI PLAYERS NAME LIST

Sl No	Name of the Student	Class
1	Thiyagarajan.Y	I-B.SC(PHY EDU)
2	Ajithkumar.K	II-B.SC(PHY EDU)
3	Mugilan.S	I-M.SC(YOGA)
4	Dineshwaran.J	I-B.SC(PHY EDU)
5	Santhosh	III-BBA
6	Sivakumar	II-B.SC (PHY EDU)
7	Arun Kumar	I-M.SC(YOGA)
8	Mathan Kumar	I-M.SC(YOGA)
9	Balaji	I-B.SC(PHY EDU)
10	Deepan	I-M.COM
11	Sambath	II-B.SC(PHY EDU)
12	Arun Kumar	II-B.SC(PHY EDU)



SRM pharmacy students win quiz competition

STAFF WRITER

Adhisaya A and Roopini R, Pharm D, students of SRM College of Pharmacy won third place in the quiz competition conducted as a part of National Pharmacy week celebrations. The event was conducted by Indian Pharmacy Graduates’ Association (IPGA), Tamil Nadu branch at Karpagam College of Pharmacy, Coimbatore. The students bagged certificate of appreciation and a cash award of Rs 2000.

SRM IST Won Bronze Medal



Nilla Valluvan of III – B.Sc Physical Education SRM IST, secured the BRONZE MEDAL in the YONEX-SUNRISE Bangladesh International Challenge Badminton tournament held at Dhaka.

Three Days workshop on Virtual Skill Building

STAFF WRITER

The Virtual Skill Building workshop was conducted by SRMIST Vadapalani campus recently and the targeted participants for the workshop were the first year B.Tech students. The objective of the workshop was to introduce the PHP concepts to the students and make them learn how to use PHP to create impressive websites. Though there are advanced server-side programming technologies in the market today, PHP was chosen for this workshop as it is very easy to learn. Anyone by just learning PHP will be able to

build simple webpages. Hiring web developers is expected to grow 8% in the next 8-10 years, much faster than the average of all jobs. Hands-on workshop to the first-year students on PHP concepts, will help them get a complete picture on the web development cycle. One such basic learning on this domain is expected to trigger their interest and push them towards exploring and expanding their knowledge / expertise on the web development area further. Resource person for this workshop was Dr.C.A.S.Deiva Preetha, Assistant Professor, CSE Dept, SRMIST Vadapalani campus. On the first day, students

were introduced to the basic concepts of web development. They were explained on how the internet works, what is a web server and a web client, how can a simple website be created, how to register domain names and what are the hosting platforms available. On the second day, students were guided on getting the PHP coding environment ready by installing XAMPP package on their own machines. They were made to try few small PHP code snippets on their own using their localhost. The first-year students who participated in the workshop felt happy and excited to execute their own

code and see the results on the web browser. On the Day three, students were guided to cover the concepts on designing a

form using PHP and deploying it to understand the web client – server communication model thoroughly.



Ms.Varshini receiving a check for 5 Lakhs from the honorable chief minister of Tamil Nadu M.K.Stalin

“Chess is the struggle against the error.” – Johannes Zukertort

STAFF WRITER

SRM IST Vadapalani is extremely proud and would like to congratulate Ms. Varshini of CSE department on becoming a Woman Grandmaster and receiving a honourable reward of Rs.5 Lakhs from the honourable Chief Minister Thiru.M.K Stalin. It is indeed a prestigious achievement and the Dean along with all the Faculty, Staff and Students are extremely proud of her achievement.

Reporting for Spectrum

- Contributing reports should be confined to a maximum of 250 words and must be written by students only.
- Accompanying pictures must have captions. Pictures without caption will not be published
- Request for coverage in Spectrum by its editorial team must be made well in advance with an accompanying note and the invitation to spectrum@srmist.edu.in
- Coverage of a certain event or receipt of an article does not guarantee publication.

-Editor

FDP on 21st century Workplace skills

STAFF WRITER

FDP on 21st century Workplace skills was conducted recently in a blended mode in SRMIST – Vadapalani campus. The FDP started with an introduction note of the program by Dr. C.V. Jayakumar, Dean (E&T), SRMIST – Vadapalani. Along with Ms. AnandhaPriya, Director – Admissions, SRMIST – Vadapalani, Dr. S. Ramachandran, Dy. Director – Admin, SRM Groups, Dr. K.R. Ananthapadmanaban, Dean (S&H), SRMIST – Vadapalani., The faculty members of E&T and S&H were in attendance for attend the program.

Mr. Samyak Chakraborty, Founder – X Billion Skills Lab presented offline on the importance of soft skills in making the students Industry ready. Mr. Jayakanth Chinnathambi, an entrepreneur presented an online session on making the students problem solvers by themselves. He also by quoting one of his life story as to how one of his Professors played a pivotal role in turning him into a the problem solver.

Ms. Bhuvaneshwari - an entrepreneur, gave an online session on what companies expect from students by giving examples from the success stories she dealt with.

Mr. Samyak explained the different aspects of the job and its the evolved hiring criteria. They are which values 1. Emotional intelligence, 2. Smart thinking habits, 3. Entrepreneurship

“ Important hiring criteria : Emotional intelligence, Smart thinking habits, Entrepreneurship mindset, Negotiation, Time management, Understanding your purpose, Smart remote communication and Creative Problem solving ”



mindset, 4. Negotiation, 5. Time management, 6. Understanding your purpose 7. Smart remote communication, 8. Creative Problem solving. Mr. Samyak then announced about their online app called by the name X Billion labs, and that he will be providing free onboarding and learning experience for 100 students. Dr. C.V. Jayakumar winded the session up by confirming announcing that

75 students from E&T and 25 from S&H will be on boarded initially and asked the respective HODs to identify suitable students. to execute their own code and see the results on the web browser. On the Day three, students were guided to cover the concepts on designing a form using PHP and deploying it to understand the web client – server communication model thoroughly.