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INSIGHTS

Annual Magazine

2022-23



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Thanking the Dignitaries

"Thank You" is a heartfelt prayer. We at the Insights Club would like to express our gratitude to all of VIT Bhopal's frontline leaders, whose leadership has VIT Bhopal blossoming into a majestic tree with more fruits of success, roots of humanity, and branches of quality.



Dr. G. Viswanathan - Chancellor

We would like to convey our heartfelt appreciation to our honorable Chancellor Sir, who created VIT and has served as a leader and educator with a vision that transcends borders. The slogan of our Chancellor, India must lead the world, and VIT must lead India, encourages everyone at VIT Bhopal. As a result, at the Insights Club, we value the opportunity to grow under such an incredible force that inspires us to establish objectives and achieve our dreams.

Mr. Sankar Viswanathan - Vice President

Mr. Sankar Viswanathan, our honorable Vice President, is a pleasant individual who is always enthusiastic about the academic achievement of students and faculty. The Insights Club is grateful to our honorable Vice President for constantly volunteering his time and knowledge for the betterment of students at VIT Bhopal.



Ms. Kadhambari S. Viswanathan - Assistant Vice President

Ms. Kadhambari S. Viswanathan, our visionary AVP Madam, has always inspired awe, from participating in educational exhibitions and seminars to meeting Dr. APJ Abdul Kalam and Dr. R. Venkataraman. She has always motivated every member of the VIT family to keep moving forward in life. We sincerely thank our Assistant Vice President for serving as an outstanding role model.





Dr. Senthil Kumar Arumugam - Vice-Chancellor (i/c)

Dr. Senthil Kumar Arumugam has been part of VIT since 1992. He is known for his research and works in the field of sub-millimeter gravitational force, cryogenic heat pipes, transcritical CO2 refrigeration, and many more. He has always encouraged VITians to use their knowledge and excellence to benefit the country. Motivated by his thoughts and vision, we at the Insights Club express our gratitude to our honourable Vice-Chancellor for his unwavering dedication and commitment.

Dr. Pradyumna Yadav - Registrar

Dr. Pradyumna Yadav has been the source of inspiration for every student at VIT Bhopal through his vision. After taking charge as the Registrar of VITB in 2022, Dr. Yadav has worked tirelessly to bring miraculous reforms to the University. We at the Insights Club express our solemn gratitude to our honorable Registrar for everything he has done.



Dr. J.George Chellin Chandran - DSW

Small steps lead to great leaps. The Director of Student Welfare ensures every effort to guarantee that all students may find a place to study and grow as a community. VITians benefit from a vibrant, entertaining, and inclusive environment thanks to Dr.J.George Chellin Chandran, our Director of Student Welfare. We at the Insights Club appreciate the Director of Student Welfare and the entire VIT Bhopal Management for providing students with great opportunities.



Club Coordinators

The presence and dedication of faculty coordinators play an indispensable role in bridging the gap between students' aspirations and the realization of their goals within the university's framework.

In this context, we are incredibly fortunate to have Dr. I. Jasmine Selvakumari Jeya and Dr. PR Buvanewari joining us as the Insights Club's new faculty coordinators. Beginning in 2023, their unparalleled talent and passion are anticipated to elevate our club's endeavors, ensuring its continued success and impact.



Dr. I. Jasmine Selvakumari Jeya



Dr. PR Buvanewari



Dr. Anant Kant Shukla



Dr. Manisha Singh



Dr. Chandan Kumar Behera

ADSWs

The Assistant Directors of Students Welfare, Dr. Anant Kant Shukla, Dr. Manisha Singh and Dr. Chandan Kumar Behera, served as steady hands to guide us. We at Insights Club are eternally appreciative of their accessibility and prompt assistance whenever required.

Dr. Trapti Sharma - SWC

We would also like to express our gratitude to Dr. Trapti Sharma, the Student Welfare Coordinator, who provided us with the necessary resources and was instrumental in making this publication a reality.



Editors' Note

We are delighted to present our University's first Annual Magazine for the year 2022-23 to you. It features every significant event that took place at VIT Bhopal in the year 2022.

Firstly, we would like to extend a warm welcome to all the freshers who joined us this year. Getting started at college can be daunting, so we've prepared this Fresher's Guide to help you navigate clubs, do's and don'ts, and significant campus locations. You will find a tabular on all VIT Bhopal clubs, which will give you an idea of the different activities and events that each club organizes. Additionally, we have listed all the essential locations in the VIT-B academic block and nearby areas for your convenience.

The orientation program was a huge success this year, with many activities and events which allowed freshers to connect with their peers.

The Convocation ceremony, where we honoured the accomplishments of our graduating students, was another significant event that happened this year. The bygone year also highlighted VIT Bhopal's intrinsic cultural festival, Advitya 2022 and celebrations of Garba, Durga Puja, Ganesh Chaturthi, Christmas, Holi, Onam, and much more. These cultural celebrations were an unforgettable experience that truly showcased the rich cultural heritage of our community.

Also, in 2022, an experiential learning program was introduced, in which students visited industries in Pune, Bengaluru, and Chennai. In our Magazine, you will find descriptions and illustrations of all the above initiatives and events.

Furthermore, we have devoted the latter portion of the Magazine to articles written by the winners of the article writing competition our club organized, a text interview of some notable faculty members, and a fun section.

We hope that you will find this Annual Magazine informative and enjoyable. Our goal is to bring you more exciting events and activities in the coming year.



Akhil Rajeev P
Editor-in-Chief



Arhan Gupta
Managing Editor

We at VIT B



VIT Bhopal University, founded in the year 2017 by the visionary Dr.G.Viswanathan, has quickly become a forerunner of technical innovation and advanced education in North India. The 250-acre campus is surrounded by the verdant landscapes of the Sehore district of Madhya Pradesh. In addition to its breathtaking grandeur, its location on the Indore-Bhopal highway accords it the advantage of excellent connectivity. The university ensures students' global connectivity by providing around-the-clock internet access that connects them to universal resources and ideas.

VIT Bhopal leads the educational landscape with the introduction of Collaborative and Active Learning through Technology (CALTech), a pioneering concept in India. Through this, the university proactively engages in capacity building of the nation in cutting-edge sectors such as Aerospace, Gaming, Cyber Security, and Artificial Intelligence. A robust team of experienced and dedicated doctoral faculties guide students towards emerging technology horizons, incubating leaders of the future.

The distinctive 'Fully Flexible Credit System' (FFCS) at VIT Bhopal assures a dynamic learning environment by allowing students to choose their courses, instructors, and learning pace. The Laboratory Complex is a crucial component of the university's infrastructure. It is equipped with sophisticated technology tools and serves as the foundation of practical learning, which is essential to the offered courses.

Beyond academic rigour, VIT Bhopal promotes holistic development via an abundance of cultural, technical, and athletic events. These opportunities are organised by various student clubs and the administration and range from technical hackathons to artistic performances. The university's signature events, the Annual Fest 'Advitya' and the Sports Fest 'Aarambh', cultivate creativity, teamwork, and leadership, among the students.

The blend of high-quality education, cutting-edge technology, and numerous extracurricular opportunities positions VIT Bhopal University as a rising star in the world of technical education, poised to make its impact on the global stage.

We @Insights

"Small ideas may be very impactful when nurtured by the right group of individuals", this is the vision of the Insights Club. It serves as a heartfelt reminder of the value of a well-diversified community. As a group of students started feeling disconnected from the University due to the shift to online classes, the urge for the creation of a club that keeps them connected to life here at college hopped in.

Keeping track of the many events and happenings at college can be overwhelming, especially with latest information flooding social media every other moment. The Insights Club aims to serve as a beacon of light for such moments, a cherished archive that captures the memories of college life and allows students to reminisce on the experiences that have shaped them. It is a heartwarming reminder that even amidst the chaos, there is a way to stay connected and preserve the moments that matter most.

Throughout the club's journey, the founding faculty coordinators - Dr. Sandeep Sahu and Dr. Atul Aman, played a crucial role in helping lay a solid foundation for the club. Their guidance and support helped the Insights Club become a valuable resource for students and faculties, providing regular updates and acting as a communication channel between the University and its communities.

The Director of Student Welfare - Dr.J.George Chellin Chandran, was instrumental in forming the Insights Club. The Office of the Director of Student Welfare has been a pillar of strength, offering invaluable support even before the club became a reality.

The Insights Club at VIT Bhopal has a gratifying mission: to connect students with all the events and happenings in the University. The clubs' primary objective is to keep the VIT Bhopal fraternity informed and engaged by publishing monthly newsletters. It also strives to publish annual magazines on behalf of the University and to promote collaborations with other clubs of the University as its official media partner. Through these efforts, the Insights Club is working towards fostering a sense of community and connectedness among students and helping them make the most of their university experience.

FRESHER'S Guide



A TABULAR ON ALL VIT TECHNICAL CLUBS

S.No	Club	Faculty Coordinator	Contact	Description
1	Advanced Intelligence in Electronics and Mechanics (AIEM)	Dr.Soumitra Keshari Nayak (100163) Cabin AB-305	9321923010 soumitra.nayak@vitbhopal.ac.in	The A.I.E.M Club at VIT Bhopal focuses on creating an atmosphere where students get hands-on experience in robotics combining biotechnology, computer vision, electronics, and mechanics. Through its participation in many events, this club aims to make a better change in society by advancing this domain.
2	AI Club	Dr.AVR Mayuri (100255) Cabin B-313	9441438843 mayuri.avr@vitbhopal.ac.in	The AI Club at VIT Bhopal assures the delivery of in-depth knowledge about artificial intelligence and machine learning to students. The club aims to develop skills and provide a desirable environment for AI enthusiasts by conducting online and offline webinars and activities like debates, discussions, boot camps and many more.
3	Android Club	Prof.G.Ganesan (100377) Cabin A-303	9500234437 ganesan.g@vitbhopal.ac.in	The Android Club emphasizes on providing hands-on experiences for its members. The club organizes various activities like workshops, hackathons, and group projects. These activities help members with the opportunity to learn new techniques and technologies, collaborate with others, and develop their skills in a supportive and inclusive environment. Whether a beginner or an experienced developer, the android club offers its members the chance to engage in exciting and meaningful projects that help to advance the android platform.

S.No	Club	Faculty Coordinator	Contact	Description
4	Anime Club	Dr.Kiran Pandey (100542)	9179948303 kiranpandey@vitbhopal.ac.in	The Anime Club is a student-run organization for Japanese animation and manga fans. The objective is to provide a community for members to come together and share their interests in anime and manga. Besides fun and social outlets, the club allows its members to expand their cultural knowledge, develop their creativity through cosplay and other art projects, and enhance their leadership and organizational skills.
5	ANTERIX Club	Dr.Prashant G K (100201) Cabin B-513	8130365485 prashant.gk@vitbhopal.ac.in	ANTERIX is VIT Bhopal's first ever aviation club that deals with aviation and satellite technology. The club's mission is to enable students to gain knowledge and launch many fanatics from VIT Bhopal to compete and attain experience in space technologies, aero-modeling, and the field of satellites. The club is multidisciplinary, and all the students are welcome to join and work as a team to develop and innovate in aero-designing, model rocketry and satellite designing, machine learning, and complex programming.
6	Antique Arcade Club	Dr. Sheetal Sharma (100249) Cabin A-102	810355591 sheetal.sharma@vitbhopal.ac.in	The Antique Arcade Club is dedicated to offering students a channel to articulate their innate creativity through a diverse array of artistic forms. The club's overarching vision is a space characterized by inclusivity and limitless creativity. The club seamlessly integrates into the college landscape, appreciating and commemorating the multifaceted student body.

S.No	Club	Faculty Coordinator	Contact	Description
7	Blockchain Club	Dr.Anand Motwani (100118) Cabin B-407	8818965776 anand.motwani@vitbhopal.ac.in	The Blockchain Club stands as a dynamic and forward-thinking assembly of enthusiasts deeply engaged with blockchain technology. Committed to fostering the exchange of knowledge and nurturing ingenuity, the club orchestrates engaging discussions, immersive workshops, and invigorating hackathons, all oriented towards a comprehensive exploration of the transformative capabilities inherent in blockchain.
8	Cloud Zone Club	Dr.Virendra Singh Kushwah (100212) Cabin A-309	7415869616 virendra.kushwah@vitbhopal.ac.in	The "Cloud Zone" Club is a connecting club of VIT Bhopal from cloud computing and automation specialization under the data science division. The club aims to provide a learning platform for all academic and research activities through national and international events with the collaboration between gaming, cyber security, and machine learning specialization. It provides apprentices with the necessary exposure in the technical domain and opportunities to enhance their skills.
9	Coding Blocks Club	Dr.Aanjan Kumar S (100432) Cabin AB-208	9786501012 aanjan.kumar@vitbhopal.ac.in	The Bit By Bit student Coding Club aims to assist young aspirants in following a practical-based learning path by providing them with a wealth of educational opportunities through interactive workshops, coding competitions, training camps, and other exciting activities ensuring that each member of the team gains unparalleled coding experience and knowledge. The club aims to help its members acquire knowledge of cutting-edge technologies with important relational and social qualities that make them skilled, versatile, and well-rounded individuals.
10	D2C Igniters Club	Dr.Subhash Chandra Patel (100194) Cabin A-404	97905407837 subhash.patel@vitbhopal.ac.in	The Igniters Club aims to provide beautiful memories of college life and seeks to ignite every aspect of student's life by conducting events like treasure hunt extravaganzas and breeze of startup culture. The club wishes to create an igniter in every student and continue this journey of conducting grand events and setting a bar like never before among universities.

S.No	Club	Faculty Coordinator	Contact	Description
11	Data Science Club	Dr.Abha Trivedi (100259) Cabin C-530	7607537134 abhatrivedi2021@vitbhopal.ac.in	The Data Science Club of VIT Bhopal aims at the best development of students longing to learn about data science and its applications with the help of proactive support and complete guidance from the members. Data is a precious asset for any organization. Without it, one only has speculations and varied perspectives. The club hosts various contests for the students to showcase their talent in this domain.
12	E-Cell	Dr.M. Maragatharajan (100299) Cabin B-406	9003613484 maragatharajan@vitbhopal.ac.in	The E-Cell, VIT Bhopal, targets to help young entrepreneurs achieve their goals. The club is committed to creating an ecosystem of entrepreneurship and start-ups on campus. ECell VITB organizes various activities, events, and business talks with experienced mentors and successful entrepreneurs to help the students to develop their entrepreneurial skills and connect with like-minded individuals.
13	E-Commerce Club	Dr.R.Sukumar (100474) Cabin NB-003	9962029293 sukumar.r@vitbhopal.ac.in	As the digital commerce market grows and becomes more sophisticated, The E-commerce Club at VIT Bhopal works towards spreading awareness about the E-commerce domain and how it is not just limited to well-known applications. The club aims to build an environment for the students that helps them gain knowledge on E-commerce and provides them with a platform to showcase their skills.
14	Edu4u Club	Dr.K.Murugeswari (100256) Cabin A-403	9994276824 murugeswari.k@vitbhopal.ac.in	Edu4u Club encompasses the dual dimensions of Educational Technology, encompassing both technology for education and technology of education. By seamlessly integrating ICT tools, the former streamlines the teaching-learning trajectory, while the latter engages in the precision crafting of educational tools through technical expertise. At its core, Edu4u aspires to elevate the educational experience, introducing pioneering methodologies such as audio learning, video learning, and peer learning.

S.No	Club	Faculty Coordinator	Contact	Description
15	Electric Vehicle Club	Dr.Ajay Sharma (100513) Cabin A-120	9203837010 ajaysharma@vitbhopal.ac.in	The core objective of the Electric Vehicle Club is to provide education and advocacy for the widespread adoption of electric vehicles, achieved through a multifaceted approach. The club is firmly committed to enhancing the overall experience by offering detailed explanations of arduino-based projects to students. This commitment serves to further enrich their technical skills and inspire innovative applications of electric vehicle technology.
16	Fraternity of Young Innovators Club	Dr.Siddhartha Maiti (100203) Cabin B-502	9326132839 siddharta.maiti@vitbhopal.ac.in	The Fraternity of the Young Innovators Club aims to organize and understand the importance of co-curricular educational programs and vocational training. FYI strives to create opportunities, foster experiences that motivate the youth, and bridge the gap between opportunities and ideas. By promoting mental health awareness and tearing down the walls of stigma, a platform that directs the career ambition of students toward sustainable development goals.
17	Health-O-Tech Club	Dr.Swagat Kumar Samantaray (100261) Cabin A-247	7978166023 swagatkumarsamantaray@vitbhopal.ac.in	The Health-O-Tech Club is a unique blend of healthcare and technology, two sectors that are equally indispensable to everyone. The club aims to create an environment for the students to develop their interest in this field and guide them towards something better. The club conducts regular monthly events dispensing knowledge about health tech.
18	IoS Club	Dr.E.Nirmala (100326) Cabin B-412	8778539987 nirmala.e@vitbhopal.ac.in	The iOS Club at VIT Bhopal aims to connect like-minded individuals to excel in iOS development. It is a technical club that helps students understand the latest technologies required to develop iOS applications and provides them with an apple development environment the developers. The members encourage and assist budding developers to become better versions of themselves. The club assures proper guidance, roadmaps and access to industry professionals and experts.

S.No	Club	Faculty Coordinator	Contact	Description
19	IOT Club	Dr.Ankur Jain (100397) Cabin B-405	7415259169 ankur.jain@vitbhopal.ac.in	The Internet of Things (IoT) Club at VIT Bhopal aims to educate and engage students in the exciting world of IoT. Through hands-on projects, guest speakers, and community events, the club explores the latest trends, technologies and applications of IoT. It provides valuable skills to the members, networks with industry professionals, and wishes to reshape the future of technology.
20	LINPACK Club	Dr.Benevath Jaison (100162) Cabin A-401	9994066779 benevath.jaison@vitbhopal.ac.in	The LINPACK Club at VIT Bhopal is dedicated to harnessing the potential of computational excellence and showcasing the beauty inherent in intricate mathematical models, using cutting-edge computational tools. The club is committed to enhancing proficiency in numerical computation, conducting comprehensive mathematical analyses, unlocking the potential of data manipulation, and pioneering advanced algorithms for the purpose of fostering research and driving innovation.
21	Linux Club	Dr.Pushpinder Singh Patheja (100031) Cabin G-09	9893273243 pushpinder.singh@vitbhopal.ac.in	The Linux Club brings significant opportunities for people to learn more about the incredible and powerful operating system. The club provides a great way to expand knowledge, share ideas, and connect with other Linux enthusiasts. The club members are always willing to lend a hand or answer questions. As a bonus, the club also provides an excellent opportunity to network with like-minded individuals and potentially make a few great connections.
22	Microsoft Technical Club	Dr.Hariharasitaraman S (100237) Cabin B-310	9940295262 hariharasitaraman.s@vitbhopal.ac.in	Microsoft Technical Club (MSTC) is the innovators society of VIT Bhopal, functioning under the wing of Microsoft. The club intends to make Web and App development and competitive programming more familiar to intermediate and beginner apprentices. MSTC contributes a friendly ecosystem of innovators, futurists, designers and creatives who all support and share each other's ideas and works.

S.No	Club	Faculty Coordinator	Contact	Description
23	OWASP Club	Dr.D.Saravanan (100244) Cabin A-249	9865483413 saravanan.d@vitbhopa Iac.in	The Open Web Application Security Project (OWASP) is a worldwide free and open community that focuses on improving software security. The OWASP Foundation is a 501(c)(3) not-for-profit charitable organization that ensures the availability and support of the occurring work. The mission is to make application security visible, so students and organizations can make the right decisions about application and security risks.
24	PSI Society	Dr.Sharad Chandra Tripathi (100015) Cabin Admission office	7697867027 sharadchandra.trip athi@vitbhopal.ac.in	PSI society's mission is to communicate scientific knowledge and make science more accessible to the general public in order to foster a scientific mindset.
25	Ramanuja Mathematica Club	Dr.Bhumika Choksi (100190) Cabin C-501	7016527953 bhumika.choksi@vitbh opal.ac.in	The Ramanujan Mathematica and SAP Club at VIT Bhopal brings up the ideas of social and personality development with a twist of puzzles and equations. The club enhances the understanding of mathematics and publishes books and research papers on pure mathematics. In addition to that, the club aims to promote youth development through workshops on yoga, self-defence, and personality development.
26	Robotics Club	Dr.Shiv Manjaree Gopaliya (100282) Cabin A-307	9891354291 shivmanjaree@v itbhopal.ac.in	Robotics Club is a community of students enthusiastic about learning and applying their knowledge in developing and creating wonders in the robot world. The students apply theories and concepts of science, technology, engineering, and mathematics here. They work together to tackle challenges and find solutions using skills from design to engineering and coding and beyond!
27	Software Development Club	Dr.Praveen Lalwani (100100) Cabin A-101	9826573350 praveen.lalwani@ vitbhopal.ac.in	SDC Club's goal is to encourage the students to learn how to code and apply this knowledge to solve real-life problems. The club wishes to bring the entire computer programming fraternity under one roof, allowing students to learn from one another and share their experiences to serve the needs of individuals and the institute. It hosts various events, including programming challenges, presentations by prominent speakers, seminars, and other activities that expose students to the competitive computer world.

S.No	Club	Faculty Coordinator	Contact	Description
28	Techno Mech	Dr.Pushpdant Jain (100210) Cabin A-412	8249897681 pushpdant.jain@vitbhopal.ac.in	The Techno Mech community includes people across various domains. Being a member not only allows you to represent your branch but also allows you to collaborate with people from other branches. Working across different fields is crucial to professional success. At Techno Mech, one will have the chance to work with talented and skilled people from every branch and grow as an individual.
29	The Finance Club	Dr.Rudra Kalyan Nayak (100370) Cabin B-501	9861366884 rudrakalyan.nayak@vitbhopal.ac.in	A student-led project FinTech, The Finance and Tech Club of VIT Bhopal aims to increase students' interest in finance as a field of study and a viable career route. In order to accomplish this, the group holds panel discussions, workshops, seminars, guest lectures, and quizzes. The club provides a supportive environment for students interested in finance who can combine it with technology and apply it in today's smart world.
30	Virtual Reality and Gaming Club	Dr.S.Devaraju (100414) Cabin AB209	9788445867 devaraju.s@vitbhopal.ac.in	Virtual Reality and Gaming Club is VIT Bhopal's initiative to cultivate the gaming culture amongst the youth. It includes experimenting and developing the frontier of AR VR technologies and tying the same into the vibrant gaming scene in our university. The club has conducted several eSports events online and offline, encouraging young players and guiding them simultaneously.
31	Vit Bhopal Cyber Warriors	Dr.H.Azath (100187) Cabin B-311	9865164505 azath.h@vitbhopal.ac.in	As the saying goes, "Security is a team sport." One can choose from plenty of options and contribute their ways to the future of cyber security. The Cyber Warriors Club wishes to work towards a safer and more cyber-aware India with the students from VITB being the key to it.
32	VITronix Club	Prof.Nella Anveshkumar (100098) Cabin B-404	9503132874 nella.anvesh@vitbhopal.ac.in	VITronix Club aims to provide technological solutions that address the encountered problems and to educate the students on the responsible and impactful use of technology for society's development. The club attracts students from diverse domains interested in practical learning and technology and offers them opportunities to work together and resolve societal problems.

A TABULAR ON ALL VIT NON-TECHNICAL CLUBS

S.No	Club	Faculty Coordinator	Contact	Description
1	Biz Whiz Club	Dr.Jitendra Pratap Singh Mathur (100526) Cabin AB-413	9893536675 jitendrapratapsinghmathur@vitbhopal.ac.in	VIT Bhopal's BIZ-Whiz Club is responsible for holding business-related activities. It is known for organizing successful and instructive events such as Corporate Walk, Adzap, Quiz Competitions, Case Studies, and interactive speaker sessions. The club aims to give everyone deep insights into the business world, how it all works and how one can move their ideas without any complications.
2	Cognitive Mind Fitness Club	Dr.Gopal Singh Tandel (100408)	7000436608 gopal.singh@vitbhopal.ac.in	The entire well-being and intellectual growth of an individual are the main concerns of the Cognitive Health and Fitness club. It offers a peaceful setting where one can focus on their subconscious mind for better results, unlock their hidden potential, and address their difficulties with fear and anxiety.
3	Cooking and Feasting Club	Dr.Monica Sankat (100537) Cabin B-306	8821973183 monicasankat@vitbhopal.ac.in	The Cooking and Feasting Club at VIT Bhopal university is a student organization that brings together a diverse group of food enthusiasts who love to cook, share recipes, and indulge in delicious meals. The club provides a platform for students to explore their culinary skills, learn new recipes, and make new friends in a fun and engaging way. The Cooking and Feasting Club is open to all students, regardless of their cooking experience or skill level.
4	Dance Club	Dr.Yogesh Shukla (100130) Cabin B-306	9479877102 yogesh.shukla@vitbhopal.ac.in	The Dance Club is a community of an energetic and cordial group of dancers who organizes one-of-a-kind offline and online events that helps to boost the confidence, enthusiasm, and discipline of students and highlights the talent of art and creativity among them. The faculty coordinator and members are highly supportive and helpful. They have guided the students innumerable times to ensure a smooth and delightful experience for all.

S.No	Club	Faculty Coordinator	Contact	Description
5	Defence Warriors Club	Dr.G.R.Hemalakshmi (100527) Cabin G-14	9500396629 hemalakshmi@vitbhopal.ac.in	The club's goal is to bring in a feeling of pride and spread awareness about the warriors fighting for our nation. The club's most significant benefit should unquestionably be the "preparations" for defence exams like CDS, AFCAT, INET, defence-related interviews like SSB, and many more. By joining the 'Defence Warriors Squad VITB Club,' one can find a better version of themselves.
6	Dramatics Club	Dr.A.Sirajudeen (100500) Cabin A-314	9043787298 sirajudeen.a@vitbhopal.ac.in	Ekfraseis Dramatic Society is VIT Bhopal's dramatics club. The society focuses on developing the art of storytelling and encouraging creativity and effective teamwork through impactful and engaging events based on different theatre formats like Stage-play, Mono-act, Street play (Nukkad Natak), Stand-up comedy etc. Ekfraseis is a creative hub, and the doors are always open to students interested in theatre (both Onstage & Backstage).
7	E Green Campus Club	Prof.Jayanthi J (100531) Cabin A-219	9646491907 jayanthi@vitbhopal.ac.in	E-Green campus is dedicated to fostering environmental sustainability by maintaining a lush and eco-friendly environment within its premises. The primary objective is to cultivate a green and harmonious atmosphere through the implementation of sustainable practices such as efficient waste management, renewable energy utilization, and the promotion of green spaces.

S.No	Club	Faculty Coordinator	Contact	Description
8	English Literary Club	Dr.Anita Yadav (100014) Cabin A-315	9977588551 anita.yadav@vitbhopal.ac.in	The domains of English are pretty varied, ranging from simple business communication to depths of literature. The English Literary Association invites you to the journey of discovering English as an emotion. The club organizes fun and interactive events to strive for better English. It comprises various departments dedicated to content creation, event hosting, social outreach and other such facets that aim to ensure that fluency in English remains a dream no more.
9	Fine Arts Club	Dr.Mamta Agrawal (100022) Cabin A-201	9425027637 manisha.singh@vitbhopal.ac.in	The Fine Arts Club of VIT Bhopal has worked tirelessly for years in the university to promote and develop a lifestyle of arts, creativity, and learning for countless students. Meraki (The Fine Arts Club) has created numerous events of all styles, each showcasing its unique style of expression and beauty. Captivating and enthralling events of Meraki have provided a platform for many and will continue to do so in the future!
10	Fusion Club	Dr.Karthik Rao MC (100425) Cabin C-517	9986087148 karthik.rao@vitbhopal.ac.in	VIT Bhopal brings an amalgamation of music, dance, and various amusing activities of utmost fun and joy through the fusion club. The club wants the students to look back at their four years in college and remember not only the Laplace Transform but also as a place that helped them develop their core values and identity and find joy even during the most stressful periods in college.
11	Insights Club	Dr. I.Jasmine Selvakumari Jeya (100529) Cabin A-103	9443381609 jasmineselvakumarijeya@vitbhopal.ac.in	The insights club creates and distributes reports about newsworthy events, facts, ideas, and celebrated personalities. The club holds intra-campus events where students, irrespective of their branch and campus, are welcome to participate. The members work together to develop a positive informed environment for the constant growth of intellect and to reignite the sharp minds of students.

S.No	Club	Faculty Coordinator	Contact	Description
12	MUN Club	Dr.Saravanan J (100141) Cabin Account Office	6360693591 saravanan.j@vitbhopal.ac.in	The VITB MUN club is a student-run organization that simulates the workings of the United Nations. Members of the club participate in MUN conferences, where they represent different countries, furthering their understanding of the United Nations, educating participants about world issues, and promoting peace and the work of the United Nations through cooperation and diplomacy..
13	Music and Band Club	Dr.Suchetana Sadhukhan (100284) Cabin A-311	9748005527 suchetana@vitbhopal.ac.in	The Music and Band club offer both vocalists and instrumental musicians a stage to showcase their talents, encouraging the development of their musical abilities. The club supports diverse talent in several fields and encourages musicians, unconstrained by any particular musical genre, including guitarists, keyboardists, bassists, drummers and vocalists. The music club also manages audio for various events of other clubs and supplies the necessary assistance for their execution.
14	Nature and Trekking Club	Dr.Saurav Prasad (100227) Cabin C-506	9310157546 saurav.prasad@vitbhopal.ac.in	The club enhances understanding of the interactions between human beings and the environment through activities. Also, it aims to facilitate the development of environmental protection skills, promote environmental awareness among all sections of society, and spread environmental education informally and creatively among the younger generation. To sensitize and mobilize students' participation in the preservation and conservation of the environment.
15	Photography and Movie Making Club	Mr.Mayank Gupta (100016) Cabin A-406	7722993939 mayank.gupta@vitbhopal.ac.in	The beauty of the environment can be captured and depicted through the potent art of photography. Since its inception in 2017, the Club has been an integral component of VIT Bhopal. The beauty of the campus has been brought to life through the lenses of the club members, presenting varied artistic interpretations. Being a part of this community allows one to share their work, obtain guidance, and grow as a photographer without fear of condemnation or mockery.

A TABULAR ON ALL VIT REGIONAL CLUBS



S.No	Club	Faculty Coordinator	Contact	Description
1	Bengali Club	Dr.Soumya Sankar Ghosh (100222) Cabin C-507	9748581767 soumya.sankar@vit bhupal.ac.in	Vit Bhopal presents, Dishari - The Bengali Club, which reflects the culture of Bengal. It brings the sweet odor of kashful straight from the land of freedom fighters, literature, and Bengal tigers. The aim is to portray bengali culture in a broader spectrum. Moreover, to enlighten our college correspondences about Bengal's traditions. The major events include - শারদ উৎসব (Sharod Utsav), বসন্ত পঞ্চমী (Bosnto Pochomi), and পহেলা বৈশাখ (Pohela Boishakh). The club aspires to carry this legacy for years to come!
2	Gujarati Club	Dr.Bhumika Choksi (100190) Cabin C-501	7016527953 bhumika.choksi@vi tbhupal.ac.in	The Gujarati Club is one of the regional clubs of VIT Bhopal that serves as a platform for members of the Gujarati community to celebrate their culture and heritage. The club organizes various events to showcase the unique traditions of the Gujaratis, including music, dance, food, and language. Members work together to preserve and promote their customs. The Gujarati Club provides a welcoming and inclusive environment for individuals to connect with and strengthen their ties to broaden the Gujarati community.
3	Hindi Club	Dr.Rajeev Saxena 100081 Cabin B-315	9701336323 rajeev.saxena@vitbho pal.ac.in	This club is for all Hindi enthusiasts in college. The club transforms as a forum for these students to exhibit their talent in inter-collegiate competitions. 'Hindi Diwas' is a much-anticipated fest celebrated yearly with pomp and gaiety. The club hosts competitions like poetry writing, Debates, and Elocutions. Through these various activities, the club aims to cherish rich cultural heritage and develop a love for the Hindi Language.

S.No	Club	Faculty Coordinator	Contact	Description
4	Malayalam Club	Dr.Divya Haridas (100084) Cabin FF-B	9930594727 divya.haridas@vitbhopal.ac.in	The Malayalam Club is a community of passionate 'mallus' that showcases Kerala's rich cultural legacy. The last onam celebration conducted was a treat to the audience. The dance, music, and fashion show spread all colors of delight to its spectators. Malayali club redefines the majesty of God's Own Country on the campus with open arms to one and all!
5	Marathi Club	Dr.Narendra Kumar (100462) Cabin 506	8968945650 narendra.kumar@vitbhopal.ac.in	The main aim of the Marathi Club is to maintain the authenticity and originality of Maharashtrian festivals in VITB during celebrations of festivals like Ganesh Chaturthi, Shiv Jayanti, Gudipadwa, and many more! With events, workshops, and cultural activities, the club offers opportunities for members to practice their language and learn more about Maharashtrian history and culture.
6	North eastern Essence Club	Dr.Suparna Patowary (100449)	7433819775 suparna.patowary@vitbhopal.ac.in	The fundamental objective of North Eastern Essence club is to authentically portray and elevate the diverse cultural heritage encompassing the North Eastern states of India—namely, Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, and Tripura. The establishment of this club serves as a pivotal step towards creating a platform where members can engage in immersive learning, jubilant celebrations, and meaningful connections with the multifaceted festivals and traditions unique to north eastern region.
7	Odia Club	Dr.Susant Kumar Panigrahi (100214) Cabin A-310	8249232450 susant.kumar@vitbhopal.ac.in	The Odia Club aspires to propagate the profound heritage, language, and customs emblematic of the state of Odisha. Renowned for its promotion of values such as nonviolence, compassion, and hospitality, the club endeavors to foster an enduring appreciation for the cultural essence of Odisha.

S.No	Club	Faculty Coordinator	Contact	Description
8	Punjabi Club	Dr.Pushpinder Singh Patheja (100031) Cabin G-09	9893273243 pushpinder.singh@vitbhopal.ac.in	The Punjabi Club is a student-led organization that aims to promote, celebrate and preserve the Punjabi language and tradition. The club's primary objective is to promote our culture among all the students and to provide a space for them to learn, perform, and showcase their talents. The club organizes various activities, including cultural programs, music, dance, debates, workshops, and festivals to promote Punjabi heritage.
9	Rajasthani Club	Dr.Hemlata Gangwar (100325) Cabin A-407	9766001510 hemlata.gangwar@vitbhopal.ac.in	The Rajasthani Club offers an avenue to delve into the cultural richness of Rajasthan. Recognizing the state's wealth of historical landmarks, palaces, forts, and temples, the club stands as a gateway to this captivating heritage.
10	Tamil Club	Dr.Benevatho Jaison A (100162) Cabin A-401	9994066779 benevatho.jaison@vitbhopal.ac.in	The Tamil Club is a vibrant community dedicated to promoting and preserving the rich culture and language of Tamil Nadu. With regular events, workshops, and cultural activities, the club offers opportunities for members to get connected, practice their language skills, and learn more about the history and customs of Tamil Nadu. Whether it is a native speaker or just interested in the culture, the Tamil Club is a perfect place to immerse in all things Tamil.
11	Telugu Club	Dr.G.L.Balaji (100182) Cabin A-414	9994613458 balaji.gl@vitbhopal.ac.in	Telugu Club is a community organization that promotes the Telugu language, culture, and heritage. The society organizes cultural events, festivals, and social gatherings to provide a platform for members to learn, connect, and celebrate their heritage. This club is a significant organization because of its members' commitment and passion, as well as the extensive history and rich traditions of Telugu culture.

A TABULAR ON ALL VIT CHAPTERS & COMMUNITIES

S.No	Club	Faculty Coordinator	Contact	Description
1	Computer Society of India	Dr.Murugeswari K (100256) Cabin A-403	9994276824 murugeswari.k@vit bhopal.ac.in	The Initiative for the Computer Society of India (CSI) introduces a comprehensive range of captivating benefits and privileges. These encompass distinguished recognition by accreditation bodies, the provision of complimentary nominee membership for faculty, entailing voting rights and unrestricted access to the CSI portal. This chapter not only extends avenues for personal and professional development but also fosters collaborative engagements, provides research assistance, and facilitates the cultivation of advanced skills.
2	GeeksforGeeks Student Chapter	Dr.Kanchan Lata Kashyap (100064) Cabin B-310	9826733258 kanchan.k@vitbhopal. ac.in	GeeksforGeeks VITB is a subset of GeeksforGeeks that provides an opportunity for students of VIT BHOPAL to connect with others who share their interests in computer science and programming. The platform aims to help students learn from experts, discuss technical topics with their peers, collaborate on various computer science and programming-related matters, and work and grow together in a supportive and collaborative environment.
3	Google Developer Student Community	Dr.Kamlesh Chandravanshi (100360) Cabin 4B	9009217763 kamlesh.chandravan shi@vitbhopal.ac.in	Google Developer Student Community is a platform developed by Google that allows people from around the world to contribute and improve the quality of Google's products and services. The platform's objective is to leverage the power of crowd contributions to help improve Google's machine-learning models, translation algorithms, and other products. It provides a space where people can work together to complete various microtasks.
4	Institute of Electrical and Electronics Engineers (IEEE)	Dr. Hemraj Shobharam Lamkuche (100541) Cabin C-509	7387114521 hemrajshobharaml amkuche@vitbhopa l.ac.in	Institute of Electrical and Electronics Engineers (IEEE) is the place for all aspiring minds who yearn to explore, learn, and connect with like-minded individuals in the ever-evolving field of technology. Its objective is to promote research, innovation, incubation, grants and funding, fellowship, and scholarship to aspirants.

S.No	Club	Faculty Coordinator	Contact	Description
5	Mozilla Firefox Club VIT Bhopal	Dr.Balaji A (100256) Cabin C-509	9444422518 balaji.a@vitbhopal.a c.in	The Mozilla Firefox club at VIT Bhopal is a student-led community of individuals who are passionate about technology and are committed to creating an enormous open-source community. The club aims at constructing a community of talented and creative problem-solvers who work with each other to bring out exciting innovative solutions. Bringing exciting events to life and making a community that grows together in all aspects for a better tech person
6	National Service Scheme (NSS) Unit	Dr.Vinod Bhatt (100047) Cabin G-02	9826143220 vinod.bhatt@vitbho pal.ac.in	National Service Scheme (NSS) was introduced, in 1969, with the primary objective of developing the personality and character of the student youth through voluntary community service. 'Education through Service' is the purpose of the NSS. The NSS club of VIT Bhopal has successfully conducted various community service activities and programs in the recent past. The sole aim of the NSS is to provide hands-on experience to young students in delivering community service.
7	Omdena VIT Bhopal Chapter	Dr.A.V.R.Mayuri (100255) Cabin B-313	9441438843 mayuri.avr@vitbhop al.ac.in	Omdena is a collaborative platform to build innovative, ethical, and efficient AI solutions to real-world problems. The value of collaborative projects is that organizations get access to up to 40-60 AI engineers and data scientists. It helps an organization get a headstart on AI, solve real-world problems, overcome data challenges, and build deployable solutions within a few months.
8	SEDS Nebula	Prof.Nella Anveshkumar (100098) Cabin B-404	9503132874 nella.anveshkumar@ vitbhopal.ac.in	Students for the Exploration and Development of Space (SEDS) is an international student lead organization whose purpose is to promote space exploration and development through educational and engineering projects. The chapter is now confident in its abilities to initiate impressive projects and provide a more welcoming atmosphere for undergraduates and students of neighbouring schools and universities.
9	SIAM Student Chapter	Dr.Pon Harshavardhanan (100122) Cabin A-202	9840768153 pon.harshavardhana n@vitbhopal.ac.in	SIAM VIT Bhopal is the premier research chapter dedicated to applied mathematics, bridging disciplines from Bioengineering to Cybersecurity. As the only chapter spanning all VIT Bhopal departments, it empowers students to translate classroom knowledge into real-world applications through research, projects, and industry interactions. With expert guidance, it fosters interdisciplinary exploration and innovation.

S.No	Club	Faculty Coordinator	Contact	Description
10	Sports Club	Dr.Prashant Tiwari (100409) Multi-Purpose Hall	7000965060 prashant.tiwari@vitbhopal.ac.in	The Sports Club is to provide a supportive and competitive environment for students who want to participate in a specific sport or physical activity. The club typically offers opportunities for members to participate in practices, scrimmages, competitions, and social events related to the sport.
11	Tedx VIT Bhopal	Dr.Pushpdant Jain (100210) Cabin A-412	8249897681 pushpdant.jain@vitbhopal.ac.in	TEDx is a grassroots movement created in the spirit of TED's comprehensive mission to research and discover "ideas worth spreading." TEDx brings the spirit of TED to local communities around the globe through TEDx events organized by passionate individuals who seek to uncover new ideas and help to share the latest researches that spark conversations in their communities. TEDx events include live speakers and recorded TED talks organized independently.
12	VIT Bhopal ACM Student chapter	Dr.Pushpinder Singh Patheja (100031) Cabin G-09	9893273243 pushpinder.singh@vitbhopal.ac.in	The ACM Student Chapter at VIT Bhopal University stands as a committed community dedicated to nurturing excellence in the realm of computing. Aligned with the prestigious global computing society, the chapter extends an array of unparalleled resources, enriching opportunities, and invaluable networking avenues to students.
13	VIT Bhopal University Material Advantage Chapter	Dr.S.Balaguru (100217) Cabin A-210	9444465649 balaguru.s@vitbhopal.ac.in	The Material Advantage Chapter is a thriving, student-run center with a concentration on materials science and engineering. It stresses practical learning and the creative use of materials. This chapter with individuals from the mechanical, aerospace, and AI & Robotics fields, is a shining example of cooperative exploration and useful discovery in the field of material sciences.
14	Women in Cybersecurity	Dr.Kanchan Lata Kashyap (100064) Cabin B-310	9826733258 kanchan.k@vitbhopal.ac.in	The women in Cybersecurity chapter ardently advocates for the elevation, engagement, and progression of women within the cybersecurity realm. The chapter orchestrates the overarching objective of attaining gender parity within the domain and a myriad of impactful events, insightful workshops, and mentorship initiatives, effectively fostering empowerment and interconnection among aspiring female cybersecurity practitioners.

Do's and Don'ts

1. The University expects its students to conduct themselves in a dignified and respectful manner.
2. The identity cards issued by the University are mandatory to be worn by the students at all times.
3. Be sure to follow the hostel mess's timing schedule. All meals will be served at scheduled times by hostel authorities.
4. Neither peers nor seniors should be subjected to violent acts. It is imperative to resolve any disagreements or arguments peacefully through discussion or other means.
5. To ensure a clean and green campus, there should be absolutely no littering. It is essential to use the distinctly labelled garbage bins strategically placed throughout the campus for waste disposal.
6. Do not use aggressive or abusive language. There is no tolerance for words or expressions that hurt someone's religious, personal, or other sentiments.
7. Do not engage in acts of vandalism on campus. A violation of the University's rules would constitute breaking, destroying, or tampering with the functioning of any of the services or instruments that are provided on campus.
8. It is illegal to store, distribute, or consume narcotics, stimulants, depressants, or opioids. It is strictly forbidden to smoke, chew tobacco, or drink alcohol.
9. Any public display of affection is subject to monetary penalties or suspension.
10. Follow the timetable that you get after FFCS. Ensure that you attend your lectures on time without any excuses and maintain at least 75% attendance.
11. In case of questions or concerns, you should contact your proctor. Your proctor will guide you on how to resolve academic, attendance, or hostel issues.
12. Keep your hostel curfew timings intact. Students are expected to be present in your rooms at the designated time every night.
13. Ensure that you only occupy the room assigned to you by the hostel authorities.
14. If you are a hosteller, do not leave the University premises without written permission from your proctor and hostel warden.
15. Concentrate on your studies, co-curricular activities, and extracurricular activities. Invest your time in things that will help you grow professionally or personally.

Important Places at VIT Bhopal



The VIT Bhopal University, which spans 200 acres, is surrounded by lush and verdant biodiversity and has two playgrounds and a huge pond that adds to its picturesque charm. At VIT Bhopal, extensive and well-planned, structured roads traverse the campus, whereas the surveillance building provides a safe and secure environment for students, staff, and professors.

The Academic Block, built over an area of 17,611.2 square meters, cradles innovative laboratories endowed with high-speed internet connectivity, and advanced and technologically developed classrooms for smooth, comfortable, and contemporary academics for the students, a colossal 300-seater auditorium that houses a spectrum of events, a bank and an ATM counter which allows the students for easy access and management of their financial issues or transactions.

The pre-engineered Laboratory Complex is a jewel in the University crown. This space, spread over 7,875.7 square meters, holds avant-garde laboratories for students pursuing their Bachelor's and Master's degrees in Technology. The acme of the complex is the state-of-the-art Gaming Studio, Aerospace Lab, IoT (Internet of Things) Lab, and Bioengineering Lab. In addition to academic resources, the University also provides students with resources for external research.

Over 50,000 books, e-books, journals, and magazines find their home in the University library, which takes up two floors and 706 square meters and is a treasure trove of knowledge and wisdom. Thus, students have easy access to quality information.

Underbelly serves delectable multi-cuisine delicacies prepared and served in a sanitary environment. A hangout spot for students, underbelly is always available for a quick bite between classes.

As the name suggests, the multi-purpose hall, spread over 2,410.6 square meters, has various technical as-well-as non-technical facilities. From the contemporary chemistry laboratory and mechanical workshop to indoor basketball, badminton, and other athletic facilities, the MPH is a place for students to learn and enjoy.

Both girls' and boys' hostels have Wi-Fi-enabled A/C and non-A/C rooms, with 2 to 8 beds. The hostels have well-equipped modern and hygienic kitchens accompanied by dining facilities, providing nutritious vegetarian and non-vegetarian options. The 8-floored, 17,072.5 square meters boys' hostel has a gym, health care center, hairdressing facility, and a badminton court. With a 6-story building covering 13,354.7 square meters, the girls' hostel is equally modern with Wi-Fi-enabled A/C, non-A/C shared rooms, a fully equipped kitchen, and a dining room.

All these facilities combined make VIT Bhopal a hub of advanced learning and nurturing that ensures a bright future for students.



VIT BHOPAL'S 2023 CLEAN GREEN CAMPUS

Transforming the Campus Environment

Led by Dr.J.George Chellin Chandran, Director of Student Welfare, VIT Bhopal University is actively enhancing the campus environment to create a conducive space for learning, personal growth, and well-being. Recent initiatives and community engagement underscore the university's dedication to maintaining high standards of cleanliness.

The university has pinpointed key areas crucial for upholding and enhancing campus hygiene:

- **Designated Trash Receptacles:** Strategically positioned trash bins are now a ubiquitous sight across the campus, ensuring responsible disposal of all forms of waste, from food wrappers to bottles.
- **Cutting Down Plastic Usage:** Championing sustainability, VIT Bhopal is committed to minimizing environmental impact. The university is spearheading efforts to reduce plastic waste by advocating for reusable bags, discontinuing plastic straws, and encouraging reusable water bottles.
- **A Ban on Vandalism:** Keeping the campus clean extends beyond trash collection. The university strongly discourages graffiti and acts of vandalism that tarnish the aesthetic and values of the institution, urging all to respect campus property.
- **Swift Reporting of Maintenance Issues:** An active reporting system is encouraged to promptly address



damages or malfunctions and ensure swift resolutions.

- **Regular Sanitation Drives:** Collective engagement takes center stage through scheduled sanitation campaigns. These initiatives promote hygiene and foster a tighter-knit community.

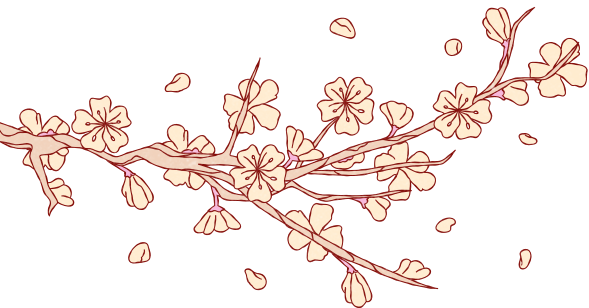
A pivotal element in this endeavor is the establishment of the VITB Sanitize Green Campus Team, headed by team captain Pankaj Patil (20MIM10113). Comprising dedicated students, the team is bolstered by group leads assigned to specific campus zones.

Each lead, supported by a team of 12 students (5 from the class of 2021 and 7 from the class of 2022), plays a vital role in maintaining hygiene in their designated areas, underscoring the university's unwavering commitment to cleanliness.

In summary, while the Clean Green Campus Team assumes a significant role, VIT Bhopal University's message is crystal clear: cleanliness is a shared responsibility. From students to faculty, everyone is an integral part of this mission. As the university progresses, collaborative efforts promise a campus recognized for both academic brilliance and environmental stewardship.



VIT Bhopal's Clean Green Campus Team - 2023



ORIENTATION 2022

On September 12, 2022 freshman batch had an insightful day. As the new students headed into unfamiliar territory, VIT Bhopal was there to guide them on their journey with an orientation.

During the orientation session, the newcomers gained a better understanding of VIT. The freshers were acquainted with what to expect on their arrival for their first year. A brief explanation of the university's rules and regulations, how semesters and courses function, and academics, in general, were given to them. The university briefed the students about the numerous events scheduled for them.

The orientation sessions spanned a week. Ethnic diversity, international relations, student welfare activities, and proctor-proctee interactions were just some of the fields of VIT life that the students explored.

The university conducted an induction program to equip students with knowledge of modern software such as MATLAB and Simulink. A lecture on digital literacy followed, along with a test to ensure the students were erudite about contemporary and ever-accelerating technologies.

The FFCS - Fully Flexible Credit System, was also introduced to the students to acquaint them with the registration procedure. On October 17th, students participated in a mock registration. There was also an introduction to the topics specific to each branch. Cybersecurity students, for example, were introduced to their academic plans and areas of interest.

Sports tournaments were held on campus to welcome students. The university organized a badminton tournament between the 5th and 7th of December.



It had five categories - women's singles, men's singles, women's doubles, men's doubles, and mixed doubles. The divisions were as follows: students from the CSE branch with specializations, students from CSE Core, students from departments other than CSE, and students from the integrated M.Tech batch. A team had to win three of the five total categories to be declared the ultimate winner. The specialization and the non-CSE teams were the finalists. Finally, the non-CSE players triumphed.

In addition, on November 16, the university held an interbranch chess competition, followed by a downpour of dunks, and a basketball tournament on the 21st. The haul of sports did not stop there. On 25th November, a cricket competition took place, followed by a volleyball competition on 1st December, and ended on 3 December with a football competition. Freshmen vs. seniors exhibition matches brought the crowd to its feet as seasoned veterans took on the young guns.

During their first few days, right from orientation, new students learned a valuable lesson. No matter where they are, the students of VIT Bhopal will always have a distinct identity. The identity of a proud VITian. Whenever the lion roars, it is always the VITian Pride.



CONVOCAATION 2022

The 12th of September was a significant day for VIT Bhopal as the euphonious chatter of graduating students filled the air. The 3rd Annual Convocation served as a final clasp on the back for the 2018-2022 batch of B.Tech students.

Vice-Chancellor of VIT Bhopal - Dr.Kamachi Mudali, welcomed the gathering with an energetic speech that set the stage for the event. Dr.Pradyumna Yadav - Registrar of VIT Bhopal, introduced the Guest of Honor - Mr.Suresh Bethavandu, the Chief People Officer at Mindtree, and the Chief Guest - Dr.Loganathan Murugan - Minister of State for Fisheries, Animal Husbandry and Dairying and Ministry of Information and Broadcasting.

The Chancellor - Dr.G.Viswanathan, Vice President - Mr.Sankar Viswanathan, and Assistant Vice President - Ms. Kadhambari S. Viswanathan, welcomed the Chief Guest and Guest of Honor by felicitating them with a bouquet, shawl, and a memento.

Chancellor - Dr.G.Viswanathan delivered the Presidential address and declared the Convocation open. In his presidential address, Dr.Viswanathan congratulated the bright students of VIT Bhopal for their



achievements and commended the university for its initiatives to introduce several future-ready programs.

The Chief Guest - Dr.Loganathan Murugan, delivered the convocation address. In his speech, Dr.Murugan admired the innovative and advanced teaching methods and curriculum designs at VIT Bhopal. Guest of Honour - Mr.Suresh Bethavandu, in his address, appreciated the personalized attention the university provided its students throughout their placements and academics. Assistant Vice President - Ms. Kadhambari S. Viswanathan highlighted the tremendous journey of VIT Bhopal over the years. From just 383 students and 32 faculties in 2017 to over 10000 students and 100% doctoral faculty. With the highest placement bagged at



45 LPA and over 44% of all positionings being Super Dream, VIT Bhopal is heading towards a bright future. The next batch of B.Tech students has begun placements training, with a few students already receiving offers of over 50 LPA and the highest being 59 LPA, along with three international placements in Japan. Ms.Viswanathan also talked about the STARS Scheme (Support the Advancement of Rural Students), under which VIT Bhopal has offered 102 boys and 68 girls the opportunity to get free education and boarding. The STARS Scheme is an effort by VIT Bhopal to uplift the marginalized parts of society and enhance their quality of life, an active endeavour to lead the country.

The felicitation ceremony, where students received their degrees, followed the speech. The convocation is a testament to the power of VIT Bhopal. A testament to the Pride of Lions called VIT Bhopal. The convocation stands tall. Proof of what you can achieve when you put in the effort. A witness to our honourable Chancellor's dream - "India must lead the world and VIT must lead India!"





EXPERIENTIAL LEARNING

Experiential learning is a teaching approach which places a strong emphasis on real-world experiences that are used to acquire knowledge and skills. Students who employ this learning strategy to retain information comprehend complex concepts thoroughly.



VIT Bhopal has also embraced experiential learning as a crucial and integral part of its teaching pedagogy. In 2022, the university facilitated the students' learning in three cities, Bangalore, Pune and Chennai, of which students had to choose a minimum of two cities. Every city had a variety of distinctive spots that offered a wide range of fields to explore.



Experiential education helped the students in proper understanding and retention of concepts by arranging activities and projects that made them apply their theoretical knowledge in a practical setting. Also, it strengthened the analytical and problem-solving abilities of the students, which motivated them to study and evaluate content to complete their tasks.

Teamwork and collaboration were fostered through this expedition. Students learned from one another, shared ideas and insights, and improved critical communication and interpersonal skills through cooperating on projects and activities.





FIRST STOP

PUNE

VIT Bhopal University organised a five-day experiential learning excursion to Pune City, Maharashtra, from 5th to 9th September 2022. The expedition aimed to provide students with a unique educational opportunity by visiting various institutions and attending different sessions.

The first venue was TRDDC (Tata Research Development and Design Centre), where students got introduced to software engineering, process engineering, cyber security, and machine learning projects. The students learned about the latest research trends carried out at the institute and were taught system research and virtual keyboards. They were allowed to vote on a new version of the virtual keyboard, designed to simplify the password-setting process while adhering to all password-setting standards. The controller also covered sessions based on building robots for human advancement and developing bots that could choose things based on the data provided.

Next, the students attended a session on AR/VR by Infinity X Techsystems Pvt. Ltd. at the Ankush Rao Landage Natyagraha. Harsh Selvi of Infinity X held an enriching webinar for the students. The students learned about the domain of augmented reality and virtual reality. The learning outcomes included comprehending how biology education may change in the future as a result of new visualisation tools and determining the advancements made by Indian R&D firms in embracing novel technology and comparable application cases that support these breakthrough.

The students also attended a highly knowledgeable session on Industry 4.0 & IoT by Infinity X Techsystems Pvt. Ltd. The session discussed the configuration of Power BI, students were given data about vehicles as an example and asked to examine them and make charts using this approach. The students learnt about the importance of connection, automation, machine learning, and real-time data during the seminar that followed lunch.

The Internet of Things is the primary enabling technology for the endeavour. The objective is to create a "Smart Factory," also known as an intelligent factory, that involves customers and business partners in value-creating activities and stands out for its agility, resource efficiency, and ergonomics. The students learned about the four primary stages of the evolution of the Internet of Things and Industry 4.0, which are: connecting objects, producing insights, optimising operations and processes, and innovation.

The excursion also included a session at XDE Studios, which offered insights into the depths of the gaming industry, the

During the fourth day of the event, students were familiarised with Robotic Arms and how they are ideal for tasks that require consistency, accuracy, and high precision. Robotic arms can be collaboratively programmed to perform different tasks, making them a vital tool across various industries, including manufacturing, industrial automation, machine feeding, etc. The students were amazed to learn that the decline in the buy-in costs of robotic arms over the past decade has made them more accessible than ever before. In addition to robotic arms, the students were acquainted with the applications of Haptic devices.



fundamentals of game development, and unity engines. Students had the experience of being an insider in the gaming sector.

A fun and interactive event centred on the cutting-edge uses of the metaverse in various industries, including game development, was part of the Acharya Atre Rang Mandir visit. The program covered several exciting topics, including a session on robotics with a specific focus on robotic arms. The event was a hit among students, with both sessions being fascinating.

These mechatronic designs deliver force feedback to users while interacting with a Virtual Environment (VE) or Remote Real Environment (RRE). The idea behind Haptic devices is to make the haptic information received indistinguishable from real interaction, providing a more realistic and immersive experience. The session was enjoyable, and the students learned a lot about hardware design of robots. The event also included a visit to Bio radius Therapeutic Research Private Limited, which provided an insightful and fascinating experience for bioengineering and biotech students.

The visit highlighted how a Contract Research Organisation (CRO) operates, India's emergence as a hub for new enterprises, and the challenges that the new CROs in India face. The students gained a thorough understanding of the daily business of a CRO, the importance of an expanding economy, and the aspirations of Indian biomedical research, as well as the research gaps that bioengineering may fulfil.

The students also visited Synergen Bio Pvt Ltd, where they learned about the steps taken before a general biologic product is fit for human consumption and how it is produced. This visit provided a truly enriching learning experience for Bioengineering and Biotechnology students.



The fourth day also had a highly engaging and fascinating hackathon in which students from several branches participated. The core focus of the hackathon was on how to use current technologies to contribute to and address various issues in the travel and tourism sector. The Teams formed, presented, and competed against each other. The top teams qualified for the final round, where the team with the most innovative solution won.

The Ideation Challenge at Ramkrishna More Natyagruha was part of the final day of the Pune trip, and students were free to choose any problem statement based on any difficulties they encountered. They were required to apply their ability to solve problems through brainstorming to the test and then present their solutions to any faculty coordinators present. One of the proposed ideas was to address the inadequate public awareness and insufficient tourist education through image recognition using an IoT device. The aim was to help visitors perceive the essential historical data and comprehend the place's history, accompanied by AR/VR models of the pieces that were rebuilt. The proposed solution was highly innovative and showed the students' creative thinking.

Overall, the program was a great success, providing the students with valuable knowledge and insights into the cutting-edge uses of metaverse technology, robotics, and the biotechnology industry. The hands-on experience and practical demonstrations helped the students understand these complex topics more effectively and engage with experts in their respective fields. The students left the program feeling well-equipped and inspired to pursue careers in exciting and rapidly evolving industries.



NEXT UP

BANGALORE



The next city in the Experiential Learning Programme was Bengaluru. The visit to 'The Silicon Valley of India' occurred from 12-16, September 2022. The faculty coordinators, Dr. Prashant G K and Dr.R. Rakesh managed the students and the venues with great attention.

The first venue was the Indian Institute of Science (IISc), Bengaluru. On the first day, i.e., September 12th, the students went to the Materials Research Centre (MRC) of IISc, where Prof.N.Ravishankar, Chairman & Department Head of MRC, welcomed them.

After that, the students learned about the different techniques to study materials, quality checking and computational analysis used in Material Science.

The professors also demonstrated the use of supercomputing and DFT modelling using AI in studying the material properties. Prof.Bikramjit Basu delivered his lecture about the history, current vision, and contributions of the IISc in the

progress of advanced sciences in India. The second day at IISc was introducing students to the Smart Factories. Prof.Satyam Suyash discussed traditional factories and machinery and how the technology used in smart factories developed from traditional ones. Later, the professors took the students to a laboratory where they demonstrated the machines that the smart factories employ. These included a robotic arm that could locate components and assemble them as needed and a milling machine that could cut a metal block in any desired shape with minimal input from the user. On days one and two, fifty students got a chance to visit IISc every day.

Another fascinating venue was the Hindustan Aeronautics Limited (HAL) Heritage Centre and Aerospace Museum. The HAL Museum is the first of its kind, established in 2001. The students were allowed to visit the HAL museum on the first three days. The museum had two central halls, one focusing on the Hall of Fame and the photographs of charts and



statistics for the evolution of aviation technology in India since 1940, and another for demonstrating various Aero engine models. Some significant aero engines kept for display in the second hall were Garret, Adour, and Orpheus. The exhibition displayed the remarkable aircraft of the Indian Air Force, such as the MARUT, MIG-21, AJEET, LAKSHYA (pilotless target aircraft), and many more. The students also witnessed the ATC Radar parched with L Band surveillance Radar. This radar has a range of 200 nautical miles that rotates at 4 RPM, with a frequency of 1250-1350 MHZ and a Meteorological Radar. Lastly, the PSLV model and the PSLV heat shields were displayed to show the laurels India has brought in the space technology field.

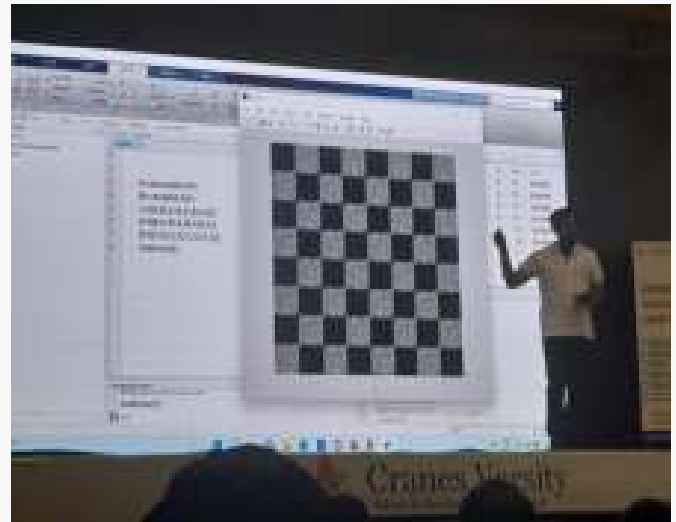


Another venue was Aeolus Aero Tech, which served as a delight for the Aerospace engineering students. Aeolus Aero Tech is a company experiencing rapid growth that offers complete technical solutions and products related to aerospace laboratory equipment, engineering services, and embedded avionics solutions. Students visited Aeolus Aero Tech on the first four days of their stay in Bengaluru. The sessions were short but exceptionally informative. The Aeolus authorities demonstrated to the students the composite materials, parts used in their manufacture, and how they've transformed into their shapes. The Aeolus Aero Tech was at that time working on 16-piston engines for a helicopter and 2-piston engines for some company, which the students were allowed to see. Followed by the information about the basic terminologies related to aircraft, students learned the importance of data science in aviation technology. Overall, the sessions were insightful and made students au fait with the technological advancements of India in the field of aviation.

While the students were in Bengaluru, some of them got a chance to visit the Dautya Aerospace Research Lab. Dautya Aerospace is a research-oriented engineering company established in Goa in the year 2020. It carries out various Research and Development activities all across the country. A hundred students for all five days visited the research lab to gain the physical experience of the works at Dautya. 3D printing technology and its use in the Aerospace domain was the main focus of all the sessions, which 100 students got to attend each day of the Bengaluru visit. The speaker also provided details on the materials used nowadays in the 3D printing machines and the drone and aircraft industry. Since most of the students belonged to the CS domain, he provided interesting facts about the software used in 3D printing, such as CURA. Finally, he showcased actual models of drones and aircraft generated with 3D printing technology.



On days four and five, it was a tremendously rewarding moment for the batch of 250 students as they visited the Indian Institute of Management, Bengaluru. The IIM Bengaluru complex is located on the Banerghatta road and built



on a 100-acre campus based on a design similar to that of Fatehpur Sikri, a town laid out by Emperor Akbar in the 16th century. The campus architecture is one of its kind and just a marvel to watch.

The seminar at IIMB was titled 'AI-Demystified' and consisted of two sessions. The first was 'Business Analytics and Intelligence' led by Professor Dinesh Kumar, Chairperson at Data Centre and Analytics Lab, IIMB. The major topics covered in his lecture were Machine Learning Algorithms, Predictive Analytics Problems, The Ketchup Conundrum, and many more.

The second session was titled 'Data Visualization and Storytelling' followed by a Hands-on session on Tableau software, led by Professor Sharada Sringswara, Author and Adjunct Faculty, IIMB. Dr. Sringswara made the students learn the importance of storytelling in data visualization. She included topics like design principles, data story types, the lie factor, narrative visualization, et cetera. For the students, the hands-on session on Tableau Public emerged as a new and engaging subject that concluded the day at IIM Bengaluru.

Next were the hands-on sessions conducted by Cranes Varsity at the Indian School of Business and Computing, Bengaluru. Cranes Varsity is an EdTech platform and a part of Cranes Software International Ltd., which has been offering technology educational services for over 24 years.

The sessions were on three topics, the Internet of Things, ARM Architecture, and MATLAB, organized for all five days of the stay in Bengaluru.

The session on the Internet of Things provided information about what IoT is, its working application, its features of IoT, and the communication standards and protocols. The session on ARM architecture covered the topics like embedded systems, microprocessors and microcontrollers, sensors, actuators, the ways of transmission, et cetera. Mr. Mohsin Khan took the session on 'MATLAB' where he demonstrated the data stored in matrix format, rapid prototyping, libraries of various domains, code generation and integration, and the overall capabilities of MATLAB. He also made the students perform programming on MATLAB



and build a graphical user interface for its implementation in a machine learning project. The interactive session helped the students gain a lot from the lecturers.

At the Centre for Development of Advanced Computing (C-DAC), Bengaluru, the students had to visit for all five days of their stay. After four days of regular sessions and lectures, the fifth day was Hackathon day.

The topics for the first day were C-DAC's Indus IoT Development Kit, products and solutions, and IPv4 and IPv6 internet protocols. Mr. Sri Krishna Chippalakatti explained the C-DAC's Indus IoT development kit, primarily developed for students and professionals with fully loaded features for developing IoT-based experiments and IoT applications. Dr. Sanjay Adwal and Mr. Gokul T discussed the IPv4 and IPv6 protocols in the afternoon sessions of day 1.

The topics of day 2 were the subjects of internet protocols and standards and critical infrastructure. The speakers were the prominent professionals at C-DAC, Dr. Balaji R, Mr. Gopinath P, and Mr. Anoop Kumar Pandey.

Day 3 at C-DAC had the highest number of speakers of all days. The topics were AI/ML and Analytics, NoSQL Databases, NLP algorithms, and Quantum Fundamentals. The speakers for the morning sessions were Dr. Janaki CH, Mr. Ramesh Naidu, and Mr. Mohit Ved, who demonstrated the use of AI and ML in daily life and explained how the advancements in Artificial Intelligence are making lives easy.



For the afternoon sessions, Ms. Surabhi Dwivedi, Dr. Vathsala H, Ms.Asvija, and Mr.Vaibhav P Singh took the pedestal for delivering lectures that focused on the advantages and disadvantages of NoSQL, uses of NLP like spam detection, machine translation and chatbots, and quantum fundamentals and simulations.

The theme for day 4 was Parallel Computing and Network Security, which was provided justice by the lecturers of expert professionals, Ms. Mangala N, Mr.PraveenAmpatt,and Dr.Muraleedharan N. Parallel Computing, its uses, advantages and disadvantages alongside the working, benefits, and types of network security were the topics of the sessions.

The final day was hackathon day. Before the hackathon began, Dr.Sanjay Adiwala delivered a lecture on Cyber Hygiene. He concluded by providing the problem statement for the hackathon. The problem statement session was interesting as the students had to think of a daily-life problem as per their observations during their stay in Bengaluru and think of an optimized solution.

The director of C-DAC Bengaluru, Dr. S D Sudarsan, marked his presence to motivate the students while they solved the hacks. The day came to an end with Dr.Sudarsan's speech on the contributions of C-DAC Bengaluru to the country and the role of C-DAC Bengaluru as the backup centre of C-DAC Delhi.

The final venue was the VK Sports Auditorium on day five, where a former Boeing employee delivered a brilliant lecture to make students aware of the difference between a normal aircraft and a military aircraft. The students learned how fighter jets perform, why they have such great speed, and why they require a completely different building material. It was a brief but informative session that brought the Experiential Learning visit to Bengaluru to a close.



LAST STOP

CHENNAI

The final destination of the Experiential Learning Programme was Chennai, 'the Cultural Capital of India'. Just like in the cities of Pune and Bengaluru, a 5-day program was scheduled in Chennai too, that began from 19-24 September, 2022. The faculty coordinators, Dr. Suthir S and Dr.N.Pazhaniraja made sure that process went well as planned through their tireless efforts.

The first venue was the Sathish Dhawan Space Center (SDSC) at Sriharikota, the westernmost and the most crucial launch centre of the Indian Space Research Organization (ISRO). SDSC-SHAR is located about 100 km from Chennai and requires a 3-hours drive to reach. At SDSC, the students had to go through a 3-level security check. They observed the Mission Control Center and the Launch Pads 1 and 2, which stand tall for hundreds of successful launches ISRO has performed. MCC explained the situation on a scheduled launch day via a demo process. The guide and the trainers explained how the launch pads and rail tracks for transporting built vehicles work, as well as the lightning protection towers and water supply tank, which activates immediately with great speed to drain water after any launch.

The next destination was India's first university-based research park, the IIT Madras Research Park, which aims to build a knowledgeable and innovative ecosystem where industry leaders and scholars can collaborate with state-of-the-art technology to apply advancements in knowledge to real-time products or services.



There are more than three thousand experts across various departments and research institutes, including Corporate R&D departments, Multinational Research Centres, the Public Sector, Government Research Institutes, IIT Madras Centres of Excellence, Labs, and Startups. The work demonstrated to the students amazed and motivated them to achieve such a level of excellence in their future achievements. Another venue was Bahwan Cybertek (BCT), a global provider of digital transformation solutions in predictive analytics, digital experience and supply chain management

across North America, the Middle East, the Far East, Africa, and Asia. The goals of the visit to BCT were to learn about Bahwan Cybertek's history and foundations, gain real-world corporate experience, understand how professionals function in the real world, and learn how to apply newly acquired knowledge in a real-time Information Technology environment. The marketing head at BCT, Ms.Sneha, and senior engineers from the services department, Mr.Ganapathy, Mr.Masood, and Mr.Shaikh, discussed a wide range of computer science based topics with the students, along with tips to make a catchy resume and the preparations required for a successful interview round.

Another fascinating venue was GH Induction India Pvt. Ltd., a leading firm in the field of industrial induction heating. In a factory specializing in heating, students

got a peek at how the business operates and how mechanical and civil engineers are employed. The students were made aware of the difficulties faced by the people that work in such high temperatures, especially during summer. The students witnessed large but customizable machines which can transform into different shapes, sizes, and structures based on the ideas of unique induction projects. The trainers explained the role of computer science in the induction process, along with showing how important it is to have a complete software and hardware resource plan, even before beginning any project.

After visiting Sri Venkatachalapathy Alloys Pvt. Ltd. (SVA), students got a unique experience in molding and dealing with alloys. SVA is a Non-government company that manufactures various components for its primary clients to utilize further.

Students witnessed the handling of alloys made for heavy and light motor vehicles and tractors through a short demonstration. They also got an opportunity to see the various types of machinery used by the SVA. It included induction furnaces, moisture testing devices, permeability testers, and many more. All in all, SVA served as an insightful venue for the students.

Next on the list was Brakes India Pvt. Ltd. (TVS), one of the most pioneering brake manufacturing factories in India.



It is the largest component manufacturing company within the TVS-Santhanam group, comprising the brakes, the foundry, and the polymer division. Students learned about the complex processes that get the work done and the hierarchy of work at the brake manufacturing facility. Visiting Brakes India headquarters was a productive and an insightful experience for students.

Next was the visit to the manufacturing facility of India's second-largest truck and heavy vehicle manufacturer, Ashok Leyland. By visiting a factory that excels in vehicle production, students got a peek into how the business operates and how mechanical and civil engineers are employed.

They acquired knowledge of the production-line process, including the division of the manufacturing process into smaller steps for operator convenience and to boost productivity. The students learned about the software required for the machines and robots that automate the factory for accurate modeling and simulation of mechanical parts. Students also thought to help manual engineers and progress manufacturing by incorporating powerful software simulations.

At the Combat Vehicle Research and Development Establishment (CVRDE), students attended some informative sessions about the functioning of combat vehicles and the role of electronics in combat vehicles. CVRDE is India's of its kind laboratory, set up by the Defence Research and Development Organisation (DRDO), that specializes in the development of running gear systems, gun control systems, fire control systems, Vetronics, and related technologies. The students visited the Wheel Testing facility,

the Engine Technology Center, and the Assembly division at CVRDE. The officials also demonstrated the tests for checking endurance and measuring performance with models of the ARJUN tank and SIAM tank kept in the facility. This visit to CVRDE helped the students to gain a better knowledge of the technological advancements in the Indian Defense system.

Another enthralling venue was Sunkid Electrosystems, a pioneer in Vacuum Circuit Breaker accessories manufacturing. Sunkid Electrosystems is constantly working on providing safe and reliable electrical solutions to customers and adding value to their domicile or business by consistently using and upgrading the technology available in the field. This visit aimed to acquaint students with the electrical instruments used as VCBs such as Operating Mechanisms, Auxiliary Switches, Contacts, Dampers, Coils et cetera. The students learned the manufacturing process of equipment like tripping coils, closing coils, and gearboxes. This visit turned out to be one of the most insightful venues in Chennai.

Apart from different venues, a few exciting hands-on sessions took place on the campus of VIT Chennai itself. They conducted four unique sessions on themes like Kubernetes-based Machine Learning with Amazon Sagemaker, the Role of Robotics in the Health Industry, Cloud Application Development, and Data Analysis using R and Python. The session on Robotics observed Mr. Sriram Nagarajan, the founder and CEO of RoboRAM, who had also brought a working model of a robotic arm and delivered a spellbinding session by talking about Soft



Automation, Hard Automation, Embedded Systems, the Degree of Freedom of a robot, the Classification of a robot, and AGVs.

The experiential learning program also included a series of seminars and presentations by industry experts from various engineering sectors, followed by the international level technical festival of VIT Chennai, "technoVIT".

The seminars and presentations held at the MG Auditorium on the campus of VIT Chennai lasted 45 minutes. The speakers covered different topics, including invention, entrepreneurship, management, and engineering, which aimed to inspire and guide students to become successful problem solvers and innovators.

The speakers explained complex concepts effortlessly and playfully, inculcating the qualities of problem-solving and innovation in young minds.

The technoVIT festival offered numerous workshops, technical events, gaming events, and technical exhibitions organized by various schools of the university. The festival held on the campus of VIT Chennai included events such as a workshop to demonstrate the design of PCB, understanding the need for Cyber Security for Electrical and Computer Applications, the world of metaverse, a draping workshop, live hacking, Skribbl Game-a-thon, Musical Chairs, Tug of War, Clash-O-Mania, sack race, arm wrestling, and others. The festival also featured various food stalls inside the campus, where students could enjoy delicious dishes while attending the events.

Throughout the program, students had access to transportation facilities arranged by VIT Bhopal, which allowed them to travel to various locations as required. The Motivate to Innovate experiential learning program offered students a unique opportunity to learn from industry experts, participate in numerous technical and non-technical events, and make lifelong memories.

The program aimed to motivate and direct students towards becoming effective problem solvers and innovators. The program equipped them with the necessary skills and motivation to make a beneficial impact on society.



GarVIT

Team GarVIT has emerged as a prominent player in the electric 'All-Terrain Vehicle' (ATV) manufacturing sector and gained a reputation as a formidable competitor. It is the first of its kind from VIT Bhopal, committed to driving transformation in the e-mobility field.

Mr. Anurag Gadgil served as the Team Leader and Head of the Department for Vehicle Dynamics, while Mr. Udit Chitnis was the Vice-Captain and led the Roll Cage department.

The team is working on an electric ATV for the EBAJA race by the Society of Automotive Engineers (SAE), India, aiming to expand its efforts to a Formula One car. Dr. Pushpdant Jain, the SMEC faculty coordinator, has been a driving force behind their achievement, offering direction and support as needed.

The recruitment policy of the team is known for its inclusivity, accepting student applications from all academic branches and graduation years interested in e-mobility.

GarVIT demonstrates its commitment to technological innovation using advanced software tools such as Solidworks for design, Ansys for analysis, and IPG Carmaker for real-life simulation and suspension testing. Additionally, the team optimises the powertrain by utilising MATLAB and the Arduino IDE.

GarVIT prepares for the competitions by understanding the significance of adhering to competition rules, managing finances, and enhancing team and time management skills.

The team's success exemplifies the importance of working together towards a common goal and continually striving for excellence.



AVITAR

Team Avitar, an Internal Combustion (IC) engine-based M-Baja team, aims to provide students with real-life manufacturing experience and fundamental design knowledge by promoting extracurricular activities beyond academics.

Captain Manu Raghav and Vice-Captain Pariket Mistry lead the team, while Srushti Choksi and Kenneth Linoj hold managerial positions. Avitar comprises six distinct departments: Powertrain, Roll cage, Steering, Suspension, Brakes, and Non-Technical departments. The team marks its fourth year of operation, having recruited 30 members from diverse fields of study during their inaugural year.

Under the mentorship of Dr.Rohit Sharma, Dr.Ankush Tharkar, and Dr.Prashant GK, Team Avitar is developing an innovative all-terrain vehicle with four-wheel drive and an efficient distinct structure. Faculty Coordinators play a crucial role in improvising the team's capabilities and knowledge, leading to better performance.

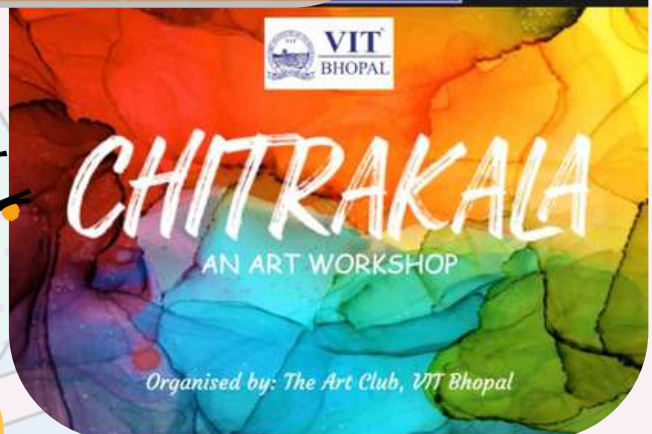
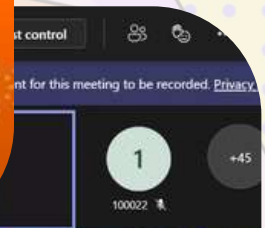
Team Avitar prioritizes finance, equipment, and the overall well-being of its members as crucial elements during competitions. With a strong focus on excellence, the team aspires to participate in prestigious top-tier competitions including the BAJA in Indore, the Aravalli Terrain Vehicle Championship (ATVC) in Ahmedabad, and the Mega ATV Championship in Goa.

Furthermore, the team invites students from any field to join and hone their problem-solving, brainstorming skills, management and communication.

Team Avitar provides comprehensive training in essential software tools such as Solidworks, Ansys, Fusion 360, Lotus, IPG, and many others.



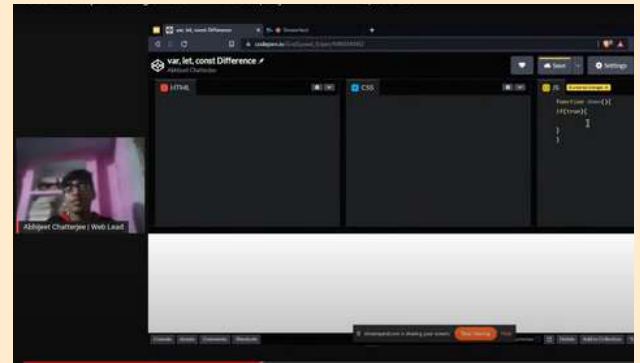
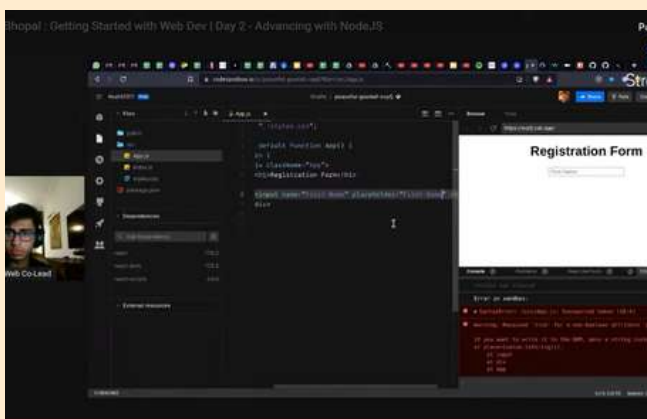
Events Recap



2022

GDSC - Web DEV

GDSC VIT Bhopal organized a 2-day long boot camp on "Getting Started with Web Development". This event took place on the 21st and 22nd of January 2022 on YouTube. It was presented by Abhijeet Chatterjee - Web lead, GSCD VIT Bhopal, and Akshit Gupta - Web co-lead, GDSC VIT Bhopal. The webinar aimed to acquaint participants with the fundamentals of Web Development covering all the sub-domains: HTML, CSS, and JavaScript. The beginner-friendly workshops provided participants access to both theoretical and hands-on training in HTML components, CSS snippets, and JavaScript. It was a full-packed session to help participants start their journey as web developers.



The first day began with the agenda- Introduction to HTML, CSS, and JavaScript. The session started with a thorough introduction to HTML and proceeded with styling and scripting with CSS and JavaScript. The session included interactive exercises and the presenters resolved many doubts of the participants. It was a fun learning session that concluded Day-1 of the 2-day Bootcamp. The second day began with the same optimism and urge to learn new skills. This workshop focused on Advancing with NodeJS, brushing up on basic topics like what Node is, and why it is required. The event was deemed successful and illuminating by the attendees.

How to Web 3.0

The GeeksforGeeks Student Chapter at VIT Bhopal conducted a webinar called "Introduction to Web 3.0" on January 29th-30th, 2022. The webinar helped students learn about the uses and technical aspects of Web 3.0, giving them a clearer understanding of this field.

Day-1 began with a live interactive session called "How to Crypto" featuring Mr. Varun Sethi, an eminent Blockchain Lawyer. He spoke about the current crypto-scenario in India, its legality and taxation, and its feasibility as an investment. James DiMeo, a metaverse architect, conducted another session on metaverse titled "How to Meta". He talked about the metaverse architecture and building NFTs, virtual assessments, and avatars.

The second day began with a presentation titled "How to NFT" by Tejas Chopra, an employee of Netflix USA. He introduced the concept of NFTs, different ways to create them, the services they use, their valuation, and much more. Mr. Quittman Farmer delivered the event's final session titled "How to Build Metaverse." The session covered different aspects of the metaverse, such as its structure, design, customization, and how to interact with its elements.

The webinar was a comprehensive introduction to the captivating realm of Web 3.0, catering to students who were new to the subject. The webinar was an excellent opportunity for people interested in Web 3.0 to learn and gain valuable insights. It offered a valuable educational experience for those looking to explore this field.



SIH 2022

In the ever-changing world of technology, innovation is a foundational force driving societal progress. The Smart India Hackathon (SIH), an annual event organized by the respected All India Council for Technical Education (AICTE) in collaboration with the Ministry of Education, showcases India's strong commitment to nurturing innovation, fostering collaboration, and enhancing problem-solving skills. SIH-2022, carried out in partnership with various government, scientific, and academic institutions, marks a significant milestone in this ongoing journey.

Among the active participants, VIT Bhopal emerged as a notable institution. The journey towards achieving success at SIH-2022 began within the institution's precincts, where a rigorous three-tier internal hackathon unfolded in February 2022. From an initial pool of 103 enthusiastic teams, 30 teams garnered commendations, reflecting their exceptional ideas and innovative solutions. Ultimately, nine exceptional teams secured their position in the grand finale, a notable feat encompassing seven software editions and two hardware editions.

However, the path to victory was not devoid of challenges. The SIH grand finale proved to be the stage where innovation intersected with recognition. Four outstanding teams from VIT Bhopal clinched prizes, a testament to their creative excellence and unwavering pursuit of distinction. Integral to the resounding success of VIT Bhopal's teams was the steadfast guidance of Dr. Lakshmi D, Assistant Director of the Centre for Innovation in Teaching and Learning. Dr. Lakshmi meticulously oversaw the entire SIH 2022 selection process, lending her expertise and mentorship to the participating teams.



Amid the triumphant teams, "Statech" emerged as a national-level victor in the software edition category. Under the sagacious mentorship of Dr. AB Rouf Khan, team members - Piyush Karmhe (21BAI10447), Ayushi Agarwal (21BSA10001), Harsh Raj (21BCE11028), Sparsh Rajput (21BCE11498), Chinta Sai Venkatesh (21BAI10052), and Samarth Gupta (21BSA10016) - showcased exceptional problem-solving acumen and technological expertise.

Another team in the software edition category, "RPAISlate," secured a coveted position as a national-level victor under the astute guidance of Dr. Suresh Dara. The team, comprising Janhvi Rajyaguru (20BCE10157), Hemang Jiwnani (20BCE10528), Sudhanwa Bokade (20BAI10302), Aman Singh (20BAI10160), Yatharth Singh (20BAI10073), and Yash Ukalkar (20BAI10197), left an indelible mark with their innovative solutions.



In the realm of software editions, the "Gene Resistors" team mentored by Dr. Neetu Kalra, secured the title of runner-up. Pranay Pratap Singh (19MIM10048), Varnika Singh (19MIM10113), Vartika Pandey (19MIM10053), Shirish Waghmode (19MIM10026), Shubhangi Tiwari (19BOE10055), and Reshmi Ghosh (19BOE10012) comprised this group of forward-thinking individuals.

In the hardware edition category, "Kissaan Pro" earned the runner-up title under the mentorship of Mr. Vijay Garg from the Sabudh Foundation, an esteemed Data Scientist. Exceptional individuals including Vishesh Tripathi (20BAI10325), Akarsh Tripathi (20BCY10035), Kirti Poddar (20BCY10101), Mayuresh Agashe (20BAI10170), Anmol Garg (20BCE10832), and Vidushi Shukla (20BCE10205) were part of this distinguished team.

As the SIH journey continues to evolve and inspire, the accomplishments of VIT Bhopal at SIH-2022 serve as a poignant reminder that innovation transcends boundaries. Guided by adept mentorship, unwavering support, and resolute determination, India's youth are poised to overcome challenges and propel progress in extraordinary and commendable ways.

Geek Gala 2022

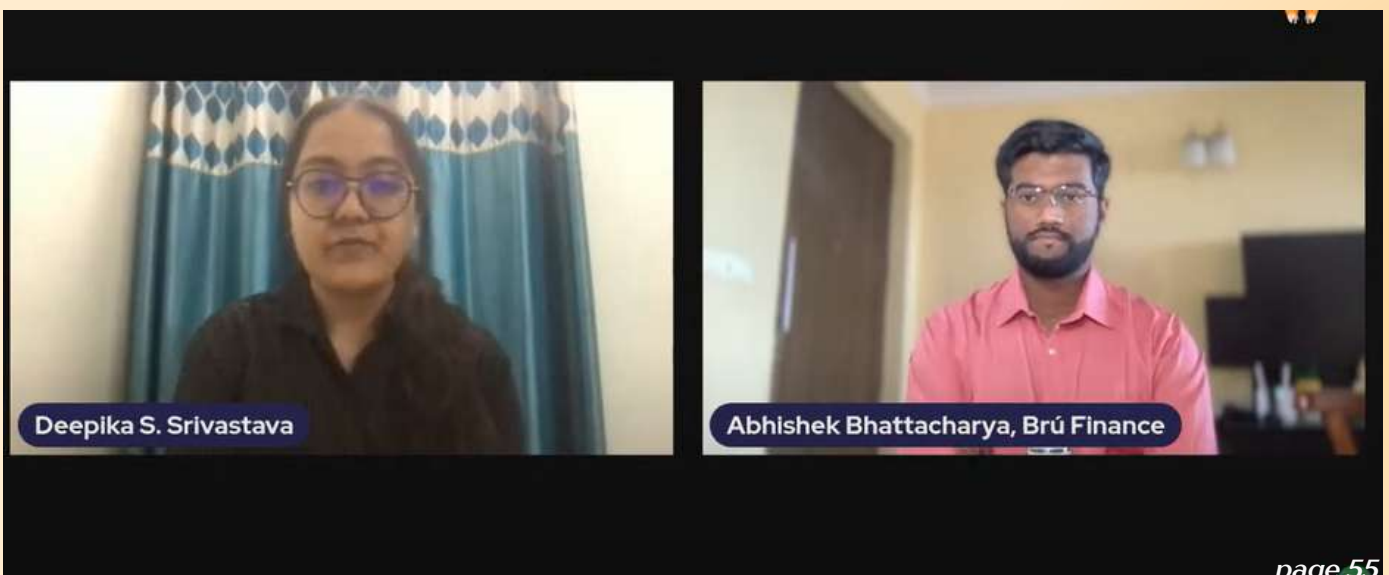
The GeeksForGeeks chapter (GFG) at VIT Bhopal organised an online mega-tech carnival called "Geek Gala" from 18th to 20th of February 2022. The event began on the 18th of February with an opening ceremony at 06:30 pm. The ceremony acquainted participants with the agenda and the event's guest speakers.

A Machine Learning (ML) workshop with speaker Mr.Chaitanya Sapre, the technical head of the GeeksForGeeks Chapter, followed the opening ceremony. The workshop gave the audience hands-on learning by building a Diabetes Detection program using the KNN Algorithm.

Day 2 of the Geek Gala featured a webinar on Blockchains at 11 am, presented by Abhishek Bhattacharya, the co-founder and head of Blockchain Tech. At 3 pm, Chaitanya and Deepika hosted a gaming session.

The final session was on NFTs, conducted at 6 pm by Aniket Choudhary from the Technical team at the GFG Chapter. An NFT design competition was also held, with Kartikey Mishra emerging as the winner.

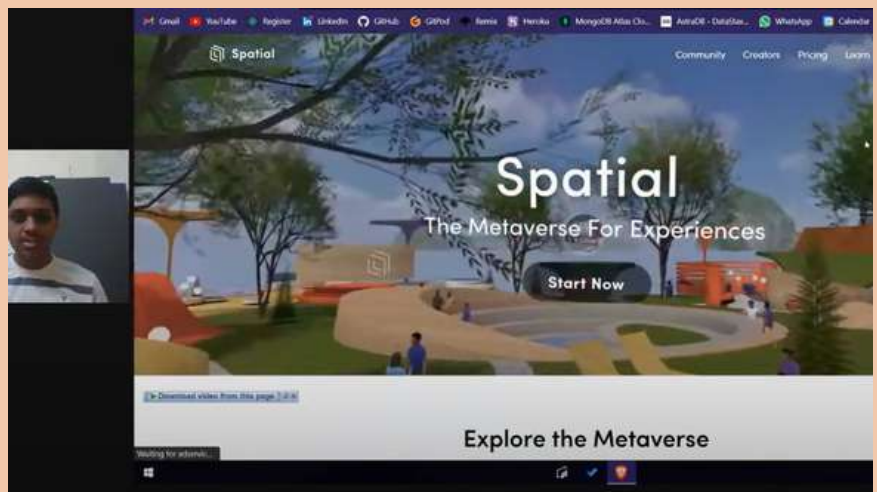
On the final day, Chaitanya and Deepika organised another gaming session. Following the session, Sajal, the Web Lead at GeeksForGeeks Chapter, presented a Metaverse webinar at 04:30 pm, giving the audience a beginner's understanding of the Metaverse.





Guest Speaker Francesco Vinceti, the host of The NFT Podcast and creator of 2Lives and Sewer Nation, conducted a masterclass on designing a Metaspace at 6 pm. The three-day mega-event concluded with the closing ceremony, held at 8 pm.

The Geek Gala provided a unique opportunity to explore and learn about emerging technologies like Machine Learning, Blockchains, NFTs, and the Metaverse. The event's informative webinars, engaging gaming sessions, and masterclasses by notable guest speakers provided attendees with a valuable learning experience.



Chitrakala: Art Club

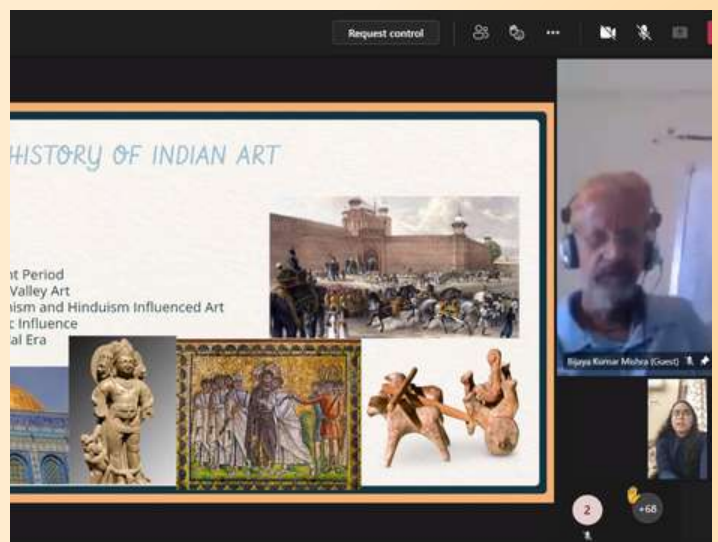


The workshop began with an introduction to the diverse art forms of India, followed by an interactive demonstration highlighting the intricate details of each art form.

The students then participated in a quiz based on the theme. The speaker also took a Q&A session that allowed students to clarify all their doubts.

Ultimately, Chitrakala gave students an opportunity to learn about India's diverse artistic heritage.

The Arts Club of VIT Bhopal organised a cultural workshop on 19 February 2022, titled Chitrakala, showcasing traditional and cultural arts from the length and breadth of India. The program was held in an online medium to facilitate maximum student participation. Mr. Vijay, a renowned professor and an accomplished artist from one of the top art colleges in India, was the guest speaker.



Aasha Event-NSS

The National Service Scheme (NSS) VIT Bhopal Unit hosted a webinar titled "AASHA: Ek Kiran, Bhavishya ke Liye" to inaugurate the club for the 2020 and 2021 batches on 19 February 2022. The event took place on World Justice Day, featuring Mr. Prashant Dubey, Director of AAWAZ, an organisation dedicated to promoting the welfare of children and youth, as a distinguished guest speaker.

During the webinar, Mr. Dubey shared several real-life stories of children rescued from child trafficking and raised awareness among the participants about critical issues concerning child rights, including early marriage and child labour.

He emphasised the importance of vigilance in observing events happening in our surroundings and informed the audience of the necessary actions required to address these issues.



Mr. Dubey also highlighted the laws in the constitution to safeguard child rights, such as the (Protection of Children from sexual offences) POCSO Act. Dr. Anant Kant Shukla, the Assistant Director of Student Welfare, honoured the occasion with his presence, and 140 students attended the event. The webinar concluded with the distribution of certificates, and Dr. Divya Haridas, the former Faculty Coordinator of NSS VIT Bhopal Unit, provided valuable guidance for the occasion.

The club aims to protect child victims of heinous crimes and raise awareness of the challenges faced by children in society. Dr. Vinod Bhatt and Dr. Neetu Kalra are the Faculty Coordinators of the club.

Organisations like the Child Protection Club inspire us to harness our abilities and resources to bring about positive changes and work towards a brighter future for children.

CodeChef Codesque

The journey of an entrepreneur in the startup world can be particularly challenging. It is a journey filled with challenges and struggles. It takes a lot of courage and perseverance to overcome these obstacles. To make this journey a little less daunting for VITians, The CodeChef Chapter Club of VIT Bhopal, under the guidance of their club faculty coordinator, Dr.S.Ananthakumaran Reddy, organised the event “Codesque-Capture the Code!” on the 20th of February, 2022 in online mode.

The students had a speaker session with esteemed entrepreneur Mr.Ishaan Nandkarni, an alumnus of IIT Bombay and the co-founder of Impact - India’s kindest health app.



The young brains were eager to hear from Mr.Nandkarni, who shared his vast wealth of knowledge and experience on all things startup-related. Moving further, the students participated in a coding session to test their coding skills. The coding session was challenging, but the students were eager to participate. The enthusiastic participation of the students livened up the competition. In the end, the top five participants prevailed despite a close race.

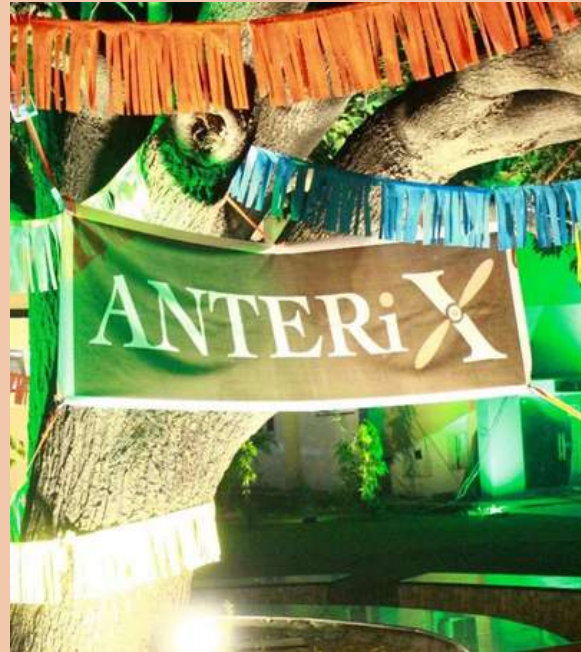
Codesque was one of the most successful events of the CodeChef Chapter Club, demonstrating students how to combine technical know-how with a pinch of some out-of-the-box thinking to solve real-world problems, which is the very essence of being an entrepreneur.



Anterix - First Research paper

The ANTERIX club of VIT Bhopal hosted a webinar on getting started with your first research paper on February 26th, 2022. The webinar saw over a hundred attendees eager to learn from the guest speaker, Mr.Utkarsh Chadha.

Undersea Defence Technologies (UDTB) has appointed Mr.Chadha as the Head Scientist, and he is currently pursuing a Master of Engineering program at the St. George campus of the University of Toronto. He shared his vast knowledge and experience on the topic providing students with valuable insights on 'how to begin with their first research or review paper'. He also shared opportunities for students to get involved in his research projects. The students praised Mr.Utkarsh for his knowledge and interaction during the webinar.



Dr.Shishir Kumar Shandilya, the Deputy Director of SECURE, was also present at the webinar. He expressed his admiration for Mr.Chadha and his contributions to the field. Mr.Chadha has authored over fifty research publications and served as a Capstone Intern at Defence Research and Development Organisation-Combat Vehicles Research and Development Est. (DRDO-CVRDE), Chennai.

ANTERIX club did a commendable job by bringing this vital topic to the forefront and providing students with the opportunity to learn from a renowned expert. The webinar was a huge success and provided valuable insights and opportunities for students.

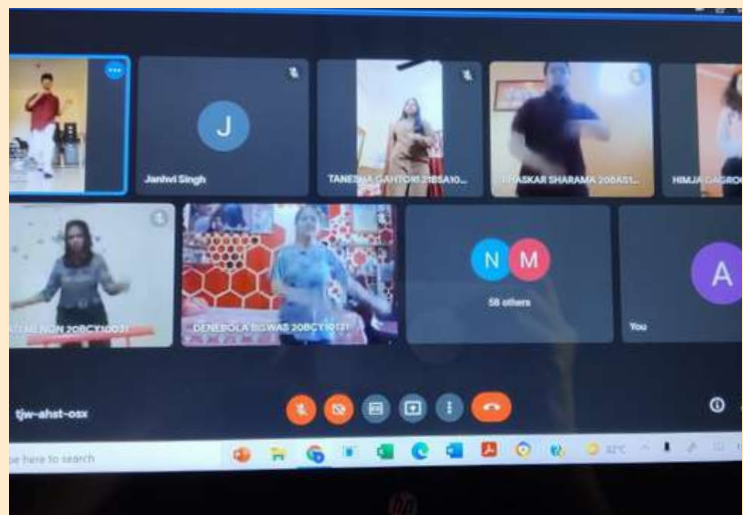
Dance Club Workshop

On 26 February 2022, The Dance Club of VIT Bhopal conducted a one-day virtual dance workshop on Freestyle Dancing under the supervision of the faculty coordinator, Dr.Yogesh Shukla.

Mr.Rahul Kataria, a renowned Choreographer and Dancer, marked his presence to guide and share some practical and helpful tips on the 'Freestyle Dance Form'.

He began by introducing freestyle dancing, followed by a warm-up session and an explanation of the basic footwork skills that apply to all dance forms. He also showed the students how to use this technique with a song.

Furthermore, Mr. Rahul discussed his experience and journey from being a dancer to becoming a choreographer and shared insights on various hip-hop dance forms. Finally, the Question and answer session brought the workshop to its ideal conclusion.



PAT Women's Day

On March 8, International Women's Day, the PAT Team hosted an enlightening webinar honouring women and girls in science. Ms. Akanksha Jha, Product Manager at Intel Foundry Services, shared her journey from Patna to Intel while entertaining the crowd with jokes and tales. Her most significant piece of advice for success was to believe in yourself. To be successful, one must stand up for themselves, perform self-analysis, and take action.



Ms.Keerti Singh, Co-founder and Vice President of Octathorpe Web Consultants, delivered a thought-provoking presentation highlighting the significance of discerning one's priorities and maintaining a balance between politeness and asserting the truth. She emphasised that in today's technologically advanced yet morally dubious world, the only way to overcome bias is to let one's actions speak for themselves. Success comes from being curious about the world around you and striving to achieve greatness.



AI Division SCSE Webinar

The AI Division of the School of Computing Science and Engineering orchestrated a compelling webinar on April 2, 2022, delving into the subject of "Deep Learning Framework for Clinical Diagnosis: Advancing Healthcare Systems." The webinar was designed to shed light on the profound impact of Deep Learning, while also encompassing the ongoing advancements within the realm of Artificial Intelligence.



Dr. Sandeep Senger, an esteemed and highly regarded faculty member hailing from the esteemed Department of Computer Science at Cardiff School of Technologies, Llandaff Campus, United Kingdom, graced the online session as the distinguished and erudite guest speaker. Dr. Senger brought to the virtual podium a wealth of knowledge and expertise, allowing participants to glean invaluable insights into the swift evolution of the Deep Learning field, which has unquestionably transcended the preceding wave of Machine Learning. With a masterful command of the subject matter, he underscored the transformative potential that advanced technological tools bear in their capacity to usher in a new era of healthcare through the paradigm of Deep Learning. Dr. Senger's discourse was punctuated by a comprehensive exploration of the remarkable and unparalleled ability of deep learning algorithms to expeditiously and with unparalleled precision, analyze electronic health records, a pivotal facet of contemporary healthcare systems.

In his address, Dr. Senger outlined the present applications of Deep Learning within various domains of healthcare, underscoring the forthcoming enhancements that are anticipated with further advancements in this domain. His discourse illuminated the promising trajectory that Deep Learning is charting within the healthcare landscape.

Concluding the session, the hosts extended a gracious vote of appreciation to the distinguished guest, acknowledging the value he brought to the discourse. The webinar garnered resounding success, leaving participants, particularly students, enriched with profound insights into the synergy between Deep Learning and Healthcare.

ICSDP International Conference

The School of Electrical and Electronics Engineering (SEEE) at VIT Bhopal held the 2nd International Conference on Signal and Data Processing on June 10th and 11th, 2022. Researchers and academics from diverse engineering disciplines had the opportunity to present their most recent research findings in various engineering and technology fields, including the Internet of Things, Advanced Communication Systems, Power Electronics and Automation, Renewable Energy, and Biotechnology.



At the 2nd International Conference, specialists from around the globe gathered to discuss their work and demonstrate the potential of research. Researchers from around India and abroad submitted 243 papers to the conference, with a 0.27 acceptance rate.

The two-day conference featured eminent keynote addresses from Dr. R. Venkateswaran, Dr. Swades De, Dr.S.Vishvakarma, Dr. KP Ray, Dr.Manisha Nene, and Dr.SE Talole.

Springer will publish peer-reviewed and selected papers from the conference as part of their prestigious Lecture Notes in Electrical Engineering series. Researchers and engineers will be able to gain access to the seminar's innovative results. They will be shared and celebrated by many.

A stimulating presentation, enlightening keynotes, captivating ideas, and fruitful collaboration highlighted the event. As a whole, the 2nd International Conference on Signal and Data Processing was a success. With the growth of the engineering and technology community, the organisation facilitates the exchange of ideas and knowledge between researchers and engineers.



Yoga Day Celebrations



Vit Bhopal observed International Yoga Day on 21st June 2022 with a health and wellness session. The Yoga Club at VIT Bhopal conducted the event under the guidance of its faculty coordinator, Dr.Manisha Jain.

The 45 minutes long yoga session was held at 10 am, followed by a meditation session. The event was hybrid, with online and offline options.

Students, faculty, and staff participated actively in both modes. The participants were requested to wear comfortable white clothing to enhance the essence of the occasion. The event was a tremendous success, with participants from both online and offline modes feeling rejuvenated and refreshed.

Overall, the "Celebrating Health and Wellness session" was a brilliant way to commemorate this special day and inspire more people to embrace the practice of yoga and meditation.

Dhanda



The Igniters Clubs at VIT Bhopal organized a spectacular event titled Dhanदा'22 on July 1st, 2022. The interactive session Dhanदा'22, Transforming Technology into Business, spanned a day and was available online and offline.

GeeksForGeeks founder Mr. Sandeep Jain was the guest speaker at the event. He spoke about entrepreneurship and shared his knowledge and insights with the students.

It was a notable instance of how we can use technology to promote an innovative and adaptable culture. A significant focus of the event was to use technology to advocate for revolution and modernization while improving customer relationships in business to increase its profitability and effectiveness.



ML Webinar

The Data Science Club of VIT Bhopal organized a two-day webinar event named "Machine Learning Bootcamp" on the 23rd and 24th of July 2022. The webinar aimed to provide students with a roadmap to breakthrough the Machine Learning and Data Science.



The students welcomed the speaker, Mr. Rajeev Kanth, a renowned author, entrepreneur, and career coach expert in ML, to this workshop. Mr. Rajeev started by sharing the basics of AI & ML and their uses in our daily lives. The need to get well-versed in python before choosing this domain was also emphasized.

He quoted ML into a golden equation as "Data + Math + Code = MACHINE LEARNING" to ease the topic for beginners. Along with sharing the various aspects of ML, he constructed an ML project. This live hands-on experience helped the audience get even more familiarized with ML.

The session also included a Q&A session wherein the students got all their doubts clarified. All-in-all, this session proved informative for the students who have no prior experience and want to chart their course as a beginner in AI & ML.

IOT Club Workshop



How convenient would it be to change the lights in a room using a remote control or even a smartphone app? Yes, the emergence of "Smart Homes" sounds amazing as ESP32 and the Internet of Things (IoT) have begun to unfold these accomplishments and make the world more convenient. The IoT club of VIT Bhopal organized a workshop on August 25th, 2022, to provide an opportunity to learn how to use Esp32 for developing Smart Home Automation with the two best orators in their field, "Dr. Ankur Jain" and "Dr. Dheeresh Soni." It was a long practical event from 11.45 am to 3.45 pm at the Auditorium of VIT Bhopal.

The workshop started by lighting a lamp as an offering to the lord and introducing the chief guests Dr S Poonkuntran and Dr Lakshmi D and proceeded with the lecturers briefing about the workshop, which gave students an exceptional opportunity to learn more about IoT and get ideas on how they can make their home contemporary and modern by learning about different microprocessors and the interior of Esp32. The workshop deeply enlightened all the students, and they also received certificates of participation at the end of the workshop.



Dear Stranger - Insights Club

In Indian society, mental health is often stigmatized and viewed negatively. On September 6th, 2022, The Insights Club at VIT Bhopal collaborated with L2S Pune Chapter to address this issue.

The online webinar featured two keynote speakers: Dr.Rajeev Agrawal, a success coach, and motivational speaker, and Dr.Suraj Kumar Jena, India's youngest associate researcher of Virogenetics at IMA

(Indian Medical Association) and a lifetime member of IMA and WHO. Dr.Rajeev shared his immense wisdom through his words and gave some excellent tips on identifying a person's qualities. Dr.Suraj took the platform after Dr.Rajeev and explained depression, but with a perspective of medical science. He discussed how people often misdiagnose depression as just a phase of anxiety that eventually makes people give up.

The poster features the logos for 'INSIGHTS CLUB VIT BHOPAL' and 'Letters to STRANGERS MENTAL HEALTH MADE PERSONAL'. The title 'Dear Stranger' is written in a large, elegant cursive font, with 'A Mental Health Event WEBINAR' underneath. Below the title, the text 'GUEST SPEAKERS' is prominently displayed. Two circular portraits of the speakers are shown: Dr. Rajeev Agarwal on the left and Dr. Suraj Kumar Jena on the right. Each portrait is accompanied by their name and a brief bio.

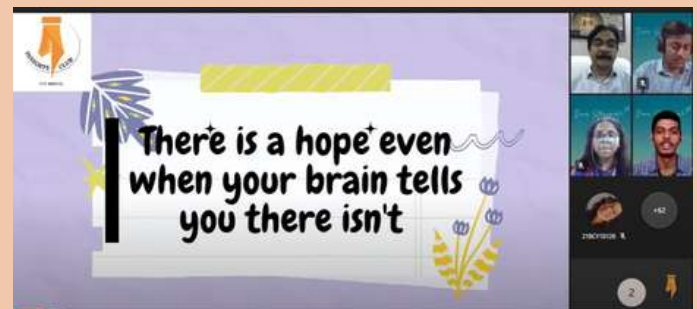
DR. RAJEEV AGARWAL
An active success coach, corporate trainer and motivational speaker. Founder member of Digidarshika Institute of Rehabilitation & Research (DIIR)

DR. SURAJ KUMAR JENA
Dr. Suraj Kumar Jena is India's youngest Association Scientist in Virogenetics in Indian Medical Association, New Delhi and signature lifetime member of IMA and WHO.

He mentioned the different phases of depression that start from normal distress and end up with suicidal thoughts, and finally, acting on impulse. He emphasizes finding the root cause of such disturbing thoughts, not running from them, but accepting them. He mentioned that every person is the average of the five people closest to them.

Dr.Rajeev highlighted that many individuals tend to dwell on the notion that their lives could have been better if they had made different decisions instead of being grateful for the blessings they currently have. He advised that adopting a positive attitude involves appreciating even the insignificant things in life. He concluded by sharing a simple formula. $E + R = O$. Event + Response = Outcome. He told the audience to keep a positive outlook on life, for, with a positive outlook, the outcome is also positive. Dr.Suraj further discussed how youth relationships affect mental well-being. He states that relationships must be seen as additional responsibilities and must not affect focus on aspects that matter, like careers and academics. He talked about the importance of a healthy lifestyle to ensure the perfect

secretion level of the five essential hormones, thyroid, Cortisol, Serotonin, Dopamine, and Nor-epinephrine, when strengthened, can cement one's mind. He concluded by mentioning the steps to identify the symptoms of depression.



The hosts then began ZARIYAA, a platform for anyone who wishes to share their story with another stranger. With a Question-and-Answer session, students interacted and gained valuable insights from the guests.

The event concluded with the Hosts thanking both the speakers - Dr.Rajeev Agrawal and Dr.Suraj Kumar Jena for their valuable time, L2S Pune Chapter for arranging this webinar, and the audience for patiently listening and making this event a success.

Kabaad se jugaad - School of Arch.



Environmental consciousness is vital for a sustainable future and to reduce global warming and environmental pollution with the help of renewable resources. On the occasion of World Environment Health Day on September 28th, The school of architecture took the initiative to promote environmental consciousness with their eco-friendly and socially equitable event called “Kabad-Se-Jugaad.” The event turned into a challenge for students to showcase the best use of waste or crap, and the ultimate goal was to promote not three but five Rs:Reduce, Reuse, Recycle, Reproduce, and Repurpose.

The participants came up with innovative and ingenious designs which combined technology and sustainability,

espousing eco-friendly ideologies and augmenting the creed amongst the students toward a greener and brighter future. Students also shared their perspectives, concepts, inventions, and innovations for dealing with our everyday climate/pollution/resource depletion struggles at home and in the community. Overall, the event was a success.



Vichaar'22 - Cloud Zone Club

Cloud Zone Club conducted its first offline event Vichaar'22, on the 3rd of October in the auditorium. The event began with welcoming Dr.J.George Chellin Chandran (DSW, VIT Bhopal University), Dr.Pon Harshavardhanan, Dr.Virendra Singh Kushwah, Dr.Anju Shukla, and Mr.Gyan Prakash Tiwary, onto the stage.

Dignitaries blessed the audience with a welcome speech and then lit a lamp to mark the beginning of the event.



The Director of Student Welfare discussed the importance of data security and data processing in cloud. The honorable chief guests for the event were Dr.Usha Reddy and Dr.Subhash Chandra Patel. Vichaar'22 started with the first debate on "AI is improving our quality of life" between the pairs. Pair 1, made by Team *Maverick* and Team *Troubleshooters*, and Pair 2, made by Team *Otomia Codex* and Team *Impact* competed in this round. Judges for this round were Dr.Gyan Prakash Tiwari, Dr.Sandeep Sahu, and Dr.Vinod Bhatt. Pair 1 won this round.

The second debate of the event, hosted by the Student Representatives (Ms.Angira Tiwari & Mr.Hardik Dulani), was on the topic: "Gaming Promotes Violence". This took place between Team *Into Infinity*, Team *Gwalior Gangster* and Team *OD*.

The event ended with announcing Team *into infinity* and Team *Gwalior Gangster* as winners. No doubt, the event was a success.



ANI-MAX - Insights Club

"Nothing's occurring in animation—you manufacture everything."

The above quote beautifully describes that animation is an art in itself. Keeping this very spirit in mind, the Insights club organized a week-long event named ANI-MAX to highlight the contemporary developments in animation. October 28, celebrated as International Animation Day, marked the beginning of the week-long event.

The event featured two distinct activities - The Anime Music Video Competition (AMV Competition) and the Animation Competition. The participants had a week to work on their animation and AMV edit videos. The judges determined the winners of the animation competition based on the best animation among the submissions. Competitors were required to submit a 10 to 30 second video for the competition. In the AMV competition, participants had to make a video one to three minutes long. The finest amalgamation of the anime video and the soundtrack determined the winners of this contest.



As for the Animation competition, Harsh Patel, Akshat Singh, and Harshendra Rami emerged as winners. Diviz Pandey, Ganesh Navale, and Harsh Tripathi won the AMV competition. The winners received monetary incentives and a shoutout on Insights' official social media page.

Under the guidance of club faculty coordinators Dr.Sandeep Sahu and Dr.Atul Aman, animators had the opportunity to combine their ideas and create a mystical environment at this club event at Insight.

Parichay - E-cell

Under the direction and mentorship of faculty coordinators Dr.Maragatharajan and Dr.Bhakti Parashar, the VIT Bhopal Entrepreneurship Cell conducted "Parichay" on November 10, 2022, as an introduction to the newcomers (2022-2026 Batch) to E-cell. Guests, presenters, and students had a welcome speech before they lit the lamp to start the event. The Director of Student Welfare at VIT Bhopal University, Dr.J.George Chellin Chandran, was a guest at the function.

Mr.Aaryan Dabhade, the president of the E-Cell Club, commenced the event with his speech, where he embellished the club's journey, describing how they instigated the club from a team of four to five students in 2019 and augmented it to a workforce of more than 70 members. The event focused on fostering an entrepreneurial culture and teaching the next generation of business leaders some essential skills. Furthermore, the workshop discussed the entrepreneurial cell's background. Other topics entertained included communication and finance.

The event was brought to a close by Ms.Ghananjani Saini by highlighting the past events conducted by the club. Moreover, he elaborated on the recruitment process and the various teams in the E-Cell Club that the students can assimilate and contribute to in their upcoming endeavors. The event ended with a group discussion and, more importantly, an entertained and delighted audience.



AI Conclave - AI Club



The AI Club VIT-Bhopal's most anticipated event, AI Conclave 2.0, took place from November 18th to November 21st in a hybrid mode, both at the auditorium and on Microsoft Teams.

It was a sizable event, with each day kick-starting with keynote sessions and having over 1000 active participants engaging themselves in online and offline hands-on workshops, ideathons, and debate competitions.

Mr.Amitabh Tewari, Center Head at TCS Indore, was the first speaker on day 1.

After the official introductions and the SCSE Dean's address to the students, he gave his lecture. The successive speakers were Rahul Mandviya, President of AI Club; Mr.Rahul Mishra, Head of Growth at Concept Campus; and Mr.Yash Sharma. These sessions were offline, and the concluding session was conducted online by one of the great data scientists at Capgemini, Mr.Rich Gregson.

The next day began with a refreshing hands-on training conducted offline with an online lecture by Keira Lakhdari. Several workshops were conducted by Aryan Ahuja, followed by an offline session by Rahul Mandviya, the president of the AI Club himself. The participants on day 2 experienced a couple of interactive online sessions led by Mr.Johan Steyn, founder of Alforbusiness.net; Supriya Bhulwalka, founder of Coding and More; and Narimane Hennouni, an Instadeep Research Engineer.

Thomas Ives, Senior Data Scientist at Echo Global Logistics, opened the third day with an online presentation. He enriched the students with the fundamentals of machine learning development. Rithuraj Nambiar and Argish Abhangi, the technical and editorial leads of the AI club, delivered the consecutive offline sessions, followed by two hands-on workshops by Sakalya Mitra, a Data Science Intern at Scaler, and Aryan Ahuja, an ML Engineer at Omdena. Rosana de Oliveira Gomes, the founder of AI Wonder Girls, and Salman Khaliq, the Learning and Development Lead at Omdena, seized the day with their energetic online seminars.

Day 4 drew several groups ready to engage in the war of words for Zephyr'22, a debate competition held in the auditorium. The teams consisted of 3-5 members each and were assigned topics related to AI and Industry 4.0. The results produced four winners, with the first position being a tie between the two finalist teams. This competition leveled up the excitement, making the last day very remarkable.



Day 4 also introduced an Ideathon that stretched from November 21st to 27th in online mode. Students created a group of 3 to deliver their ideas via a recorded video of their PPT. The top 15 teams presented their ideas to an international judging panel on November 27th, with the top two teams getting the opportunity to develop their proposal into an open-source projects.

UNESCO Hackathon

Excelling in all walks of life has always been the benchmark of every VITian. The students have repeatedly proven themselves at national and international competitions, bringing various laurels. Be it academic achievements or extracurricular activities, VITians have always been at the forefront of it. Keeping in line with this tradition and their never-ending passion for success, students of VIT Bhopal made the University proud at the prestigious UNESCO India - Africa Hackathon, 2022.

UNESCO sponsored the 36-hour-long hackathon as a platform for young innovators to come together and solve social, environmental, and technical problems faced by the collaborating nations. This hackathon kept in mind the UN's Sustainable goals of development. AICTE and the Government of India jointly organized this year's hackathon at Gautam Buddha University, Greater Noida, UP, India, between 22 and 25 November 2022. Over 603 students from different African nations and Indian states participated in the event.

As part of the flag-off ceremony, the UP chief minister, Shri Yogi Adityanath Ji, delivered a speech. Students coded nonstop for 36 hours to brainstorm and come up with technical solutions to the problems.



ALPHA-MEDICS were winners of this prestigious Hackathon, led by Shirish Waghmode, a 4th-year student at VIT Bhopal. ALPHA-MEDICS won the cash prize. For their solution in Health Analytics, which involves self-care and routine checkups to detect diabetes complications earlier, the team won 3 lakhs. In addition to the Vice President of India, incumbent Shri Jagdeep Dhankar, many national and international dignitaries attended the Valedictory Prize distribution ceremony. Another team from India and three more teams from Africa were also adjudged winners along with ALPHA-MEDICS.

Apart from this, 4th-year student Varnika Singh, 3rd-year students Anmol Garg, Yash Ukalkar, Janhvi Rajyaguru, and Hemang Jiwnani, and 2nd-year student Harsh Raj were shortlisted to participate in the final rounds, and present their ideas in this Hackathon.

Vice Chancellor of VIT Bhopal, Dr.U.Kamachi Mudali, and Director of Student Welfare, Dr.J.George Chellin Chandran, congratulated all the students who qualified for this hackathon on behalf of the entire VIT Bhopal family. They acknowledged the hard work and relentless efforts of those faculties and other staff members who continuously mentored these students to success. They also thanked Dr.D.Lakshmi, Assistant Director of the Centre for Innovation and Technical Learning (CITL), VIT Bhopal. CITL is a flagship initiative of the University to coordinate and support students at all levels of national and international learning.

These remarkable achievements by our fellow students not only brought laurels and recognition to our college at the international level but also was a precious opportunity for them to interact and learn remarkably. The extraordinary students of VIT Bhopal will continue to set a benchmark for many more future accomplishments to come with this marvelous feat.



Tech Milap - Bit By Bit

Tech MILAP, a technologically driven online talk-panel event, was meticulously orchestrated on December 3rd by the Bit-by-Bit club. This event served as a platform for illuminating talk sessions delivered by distinguished speakers, accompanied by engaging competitive events that facilitated the showcasing of students' diverse talents. The overarching objective of the event was to offer VIT Bhopal students an insightful introduction to the burgeoning realms of emerging technologies and diverse domains within the dynamic field of computer science.



The event's inauguration was initiated with a structured roadmap meticulously curated for first-year students, serving as a guiding compass for their initiation into the realm of engineering. This comprehensive guide aimed to not only initiate them into the intricacies of the engineering field but also to equip them with the essential knowledge and strategies required to excel within their chosen academic domains.

The inaugural session encompassed a comprehensive exploration of pivotal engineering platforms, including but not limited to GitHub, LinkedIn, Canva, Discord, and Medium. Through a well-structured approach, participants were equipped with both theoretical insights and practical experience, enabling them to adeptly employ these technologies as instruments for career advancement. Furthermore, the event extended a wealth of invaluable tips, strategically designed to assist first-year students in effectively navigating the unfamiliar terrain of their new college environment and positioning themselves advantageously.

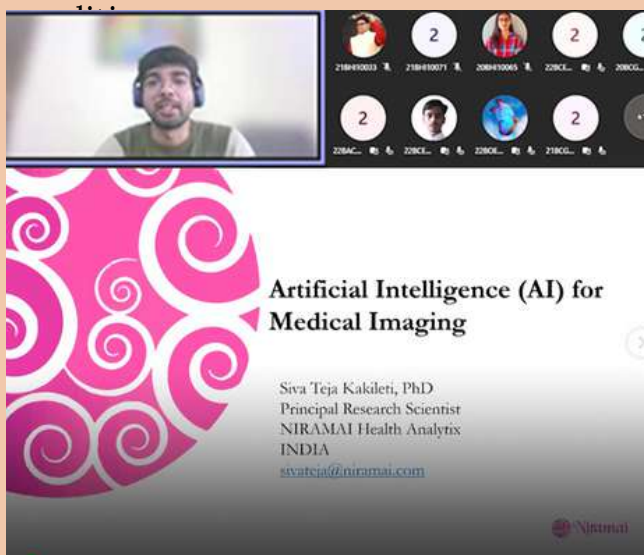
AI for Medical Imaging: Health-O-Tech

December 10, 2022, was an enlightening Saturday with the Health-O-Tech Club conducting a webinar on the topic "AI (Artificial Intelligence) for Medical Imaging" with Dr.Siva Teja Kakileti as the keynote speaker who is a principal research scientist at NIRMAI (Non-Invasive Risk Assessment with Machine Intelligence), a company dedicated to detecting risks like breast cancer using radiation-free and non-invasive techniques. The webinar aimed to inform students about the intersection of AI and Health Technology. Dr.Kakileti provided the young audience with in-depth explanations about how Machine Learning Algorithms and other cognitive technologies are used in the medical field and diagnostics to verify, evaluate and record various diseases and



as well as the effectiveness of treatments provided. The types of Machine Learning, deep learning, and applications of AI in medical imaging were some other topics discussed. Dr.Kakileti also explained how breast cancer is identified in its earlier stages using the Thermalytix technology. The webinar concluded with an open forum called ask-away, where the audience interacted with the speaker.

The club's Vice President drew the final curtain presenting the vote of thanks and appreciating all the entities who worked to make the event successful. Dr.Kakileti's enormous wisdom has left a lasting impression on the students of VIT, Bhopal, and has also successfully given them exposure and new knowledge in the ever-evolving field of medicine and diagnostics.



Rocketry - SEDS Nebula



The process of building and launching a rocket involves several complexities and convolutions. VIT Bhopal hosted the KARMAN Model Rocketry Competition on December 26th and 27th to explain the complexity of rocket launching to students. Dr. Debashish, Dean of the School of Electrical and Electronics Engineering (SEEE), Dr. Prashant, and Dr. Anirban graced the event inauguration with their presence and guidance.

Mr. Janmesh Singh, accompanied by Mr. Prakhar Shukla, Mr. Lakshya Sirohi, and Mr. Anand, led the SEDS Nebula project team in a workshop on the first day of the program. In this workshop, the participants were mentored and guided in designing an efficient launch vehicle by introducing them to various concepts of aerodynamics and simulation software. Having experienced the first day's informative sessions, the teams progressed to the second and final day, launch day. The teams contested to complete their rocket models for pre-flight inspection. Here, the expert project teams identified the issues and faults with the models and helped the teams improve their designs.



Finally, the event judges, Dr. Prashant GK and Dr. Soumitra analyzed the final models submitted by the participating teams while discussing their approach and idea behind the innovation and design. The most anticipated part of the event began after this, with the launch sequence. It was possible to witness the flight of three model rockets and the ignition of many other rocket engines. After seeing their efforts pay off, the teams were elated and satisfied. Events such as KARMAN 2022 allow our esteemed university to grow and thrive in more technologically oriented events.

APP-A-THON: Android Club

The App-A-Thon was a three-day event hosted by the Android Club of VIT Bhopal from 26th to 28th December. The event was hosted in a hybrid format, allowing students from both online and offline batches to attend and demonstrate their abilities. In a 48-hour hackathon, participants were tasked with using their ingenuity and create unique music player apps.



Twenty-six teams competed to build, develop, and test music player apps that would pique the judges' interest.

On the initial day of December 26th, team leaders were entrusted with their respective problem statements and the freedom to select the development platform for their creative ideas. Throughout the event's progression, the club's adept organizers provided consistent assistance and oversight, ensuring the seamless advancement of the participating teams. Each participant received a URL to submit their creations the following day.

The offline phase of the event began on the university grounds at 10.30 a.m. on the last day, with a warm welcome from Dr.J.George Chellin Chandran, Dr.S.Hariharasitaraman, and Dr.Sandip Mal. During this offline phase, the Android Club's esteemed faculty coordinator, Mr. G. Ganesan, unveiled the Android Club Mobile Application on Google Play Store, underscoring the event's emphasis on practical technological application. Adding a dynamic facet to the event, Mr. Abhinay Dey, the club secretary, orchestrated engaging quizzes and rapid-fire activities, fostering an interactive and intellectually stimulating environment.

In its entirety, the App-A-Thon went beyond being just a competition; it provided a platform for participants to delve into the roles of developers, acquaint themselves with novel and ubiquitous technologies, and, above all, showcase their innate creativity and innovation. This event, with its multi-faceted approach, undoubtedly positioned the Android Club and VIT Bhopal as pioneers in fostering holistic learning experiences.

Datalize - DSC Club

The Data Science Club at VIT Bhopal, one of our newly formed clubs, hosted a single-day event on December 27, 2022, for both online and offline modes. This event attracted over 700 registrations from engineering departments at various institutions. The event was arranged meticulously by the club's academic organizers and members under the guidance of our honorable DSW sir and Dr. Pon Harshavardhanan, the Faculty and Division Head.



Mr. Archit Jain was the event's honored guest speaker. After being warmly welcomed, he made his inaugural remarks and contributed to the festivities. An interactive quiz concluded the first phase of the event. Later in the event, Azad Sheikh presented the keynote address based on his expertise in creating Centers of Excellence teams, processes, and products. His workshop included hands-on experience analyzing IoT data.

The participants interacted vigorously with the guest during the question-and-answer session. In conclusion, this was a successful one-day event planned by the club and its members, whose diligence and perseverance made this successful.

GDSC Winterfest

The GDSC (Google Developer Student Clubs) at VIT Bhopal hosted "WinterFest" from 27th to 30th December 2022. The WinterFest focused on introducing students to various IT fields.

It comprised five sub-events: No Code Development, Rest API Introduction, Blockchain Introduction, Personal Branding, Portfolio, and GDSC BlogCon.

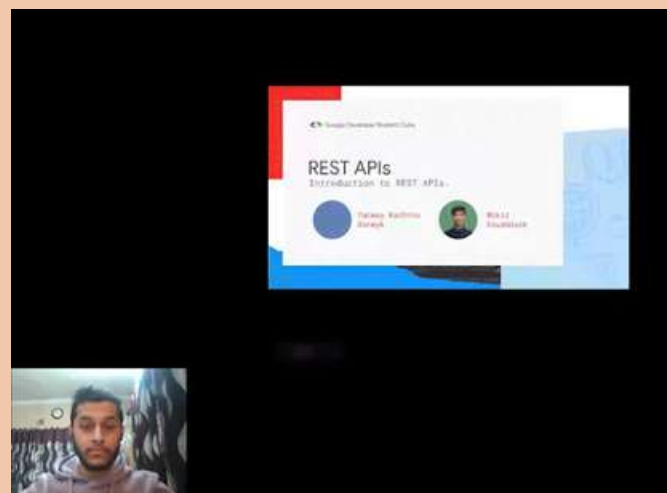
The December 27th No-Code Development workshop introduced students to the tools and strategies to build mobile applications with little to no code.

The introduction to Rest API session, held on December 28th, provided students with practical experience and assisted them in understanding CRUD (Create, Read, Update, and Delete), Deployment, and the best practices to deal with the REST API.

On December 29th, the Introduction to Blockchain session introduced students to the world of blockchain, where all transactions are secure and permanently recorded.

The Personal Branding and Portfolio session on December 30th emphasized the need for an excellent LinkedIn profile, CV, and portfolio to develop a powerful and unique personal brand.

The four-day fest also included a blog competition called BlogCon conducted by GDSC. Topics of the competition were posted on the official social media platforms. The best performers were recognized and highlighted on Medium's official page.



CULTURAL

Events



Garba Night

With foot-tapping music, a captivating ambiance, and a contending crowd, the Garba Night on the 29th of September was rightly one of the most anticipated events on the yearly roster, and the Gujarati Club at VIT-Bhopal did not disappoint. It was inevitable to discern the buzz and excitement in the air before the event began. The Director of Student Welfare, Dr.J.George Chellin Chandran, and Club Faculty Coordinators Dr.Bhumika Choksi and Dr.Neetu Kalra - started the event with the Aarti, invoking the blessings of Ambe Maa.





With the echoes of "Ae Haalo!" reverberating in the ears of everyone, the dances began. With DJ Kapsology on the mixer, the rhythm was nothing short of perfect. A variety of Gujarati cuisine was available for sale at the stalls, and the dancers helped themselves with tasty and refreshing snacks to quench their hunger. The Club also had awards for the Best Outfits and Best Dancers. The event beautifully brought out the spirit of Garba amidst all the fun they had with their friends. All that anyone could think of was how the event ended so soon!



Ganesh Utsav

The Marathi Club at VIT Bhopal organised a three-day celebration on the auspicious occasion of Ganesh Utsav. This festival is commonly celebrated in India and holds significant cultural importance. Ganesh Utsav marks the birth of Lord Ganesha, the god of wisdom, knowledge, and obstacle removal. The vibrant and festive atmosphere of Ganesh Utsav infused the VIT Bhopal campus with joy and warmth.

The festivities commenced on the 31st of August with the Sthapana of Lord Ganesha's idol. The chants of "Ganapati Bappa Moraya!" and "Aala re Aala, Ganpati Aala!" reverberated in the air alongside the magnificent performance of Dhol Tasha Pathak. People celebrate this festival with great enthusiasm and grandeur to welcome Lord Ganesha (Bappa).





The second day of the celebrations featured captivating songs and dance performances. After an enthralling dance performance on the final day, the devotees escorted Bappa for Visarjan.

Rhythmic and electrifying beats from the Dhol and Tasha accompanied the farewell. Lord Ganesha had a brief yet memorable stay at VIT Bhopal. Emotions ran high as the idol left the main gate and proceeded towards the Parvati River in Ashta.

Ganesh Utsav is a time of joy, togetherness, and devotion when people can celebrate the power of Lord Ganesha and seek his blessings. The Ganesh Utsav celebration at VIT Bhopal brought together students and faculties to celebrate the festival with enthusiasm, joy, and vigour.

Durga Puja

A vibrant atmosphere was created for the Bengali Club's Durga Puja on September 30th with dhak beats and vocal chants of "Bolo Durga Ma Ki Joy!" The college welcomed Maa Durga with great pomp and sincerity through a procession.



The club organized several events highlighting different aspects of Bengali culture in the auditorium. The club aptly named the Rabindra Nritya - Kurashikaru - a homage to Tagore's fascination with Japanese culture. As performers with Lal Par Shada Sarees covered the stage, it was a spectacle. The play that followed provided an exhilarating treat to the eyes. With excellent acting and captivating narration, the stage play showcased the saga of Mahishasura Mardini, conveying to the audience the meaning behind the festival. The jamming session that followed had everyone singing along. Suddenly, a time machine transported us to the streets of old Kolkata as models portrayed the evolution of fashion through the decades.





VIT Vellore

BENGALI CLUB PRESENTS

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30TH SEPTEMBER, 2022

On the auspicious event of Durga Puja, we, the Bengali Club, cordially invite you to join us for our one-day event celebrating the Durga's "asomni" and her reign over Mahishasura on 30th September 2022. We would be pleased to host you and make you feel part of our culture and tradition.

Venue - Auditorium
Event starts at - 9:00am

our website: www.bengaliclubvitb.co.in

What better way to wrap up the cultural display than a fusion of modern music and traditional dance? The event concluded at the MPH with a splendid showcase of Dhaaker Taale - Dhunochi Naach. As the procession reached MPH, the alluring smell of delicacies wafted through the air. Pujor Bhuri Bhoj, a feast of typical Bengali delicacies, was served with 16 mouthwatering dishes!



Christmas



On the joyous occasion of Christmas Eve, VIT Bhopal organised an event to celebrate the festival with pomp and splendour. A small but radiant Christmas tree and a recreation of the Nativity of Jesus Christ adorned the stage. The figurines added a dazzling charm to the festive occasion.

The decorations extended throughout the academic block, with a magnificent Christmas tree and another recreation of the Nativity of Jesus Christ placed at the front of the reception area.

The festivities began with the facilitation of the chief guests, followed by the hosts addressing the audience.



Our honourable Vice Chancellor - Dr.Kamachi Mudali, and Pranjali Mohan Pandey, the Student Council's General Secretary, welcomed the students with their kind and enlightening words, followed by a diverse variety of audience-appeasing performances.



The students sang melodious Christmas hymns and carols, which echoed throughout the auditorium, bringing a sense of peace and serenity to the audience. The celebrations then progressed with two engaging plays which illuminated the teachings of Lord Jesus Christ and displayed the different festivities of Christmas. The festivities became even livelier when the Santas from VIT Bhopal joined in. The Santas interacted and engaged with the audience with entertaining games & activities and distributing gifts to them.

The Vote of Thanks was delivered by the Cultural Secretary - Argish Abhangi, bringing the curtain down on a phenomenal celebration! VIT Bhopal made Christmas Eve memorable for the students by evoking fond and special memories in all who attended the event.



The highlight of the Christmas celebration was the outstanding dance performance. The event concluded on a sweet note with an ambrosial cake cut by the dignitaries.

Onam



The Onam harvest festival celebrates unity, community, and love in honour of the noble King Mahabali. This festival marks the end of the monsoon season and welcomes the harvest. To celebrate the festival, as per traditions, boys donned the traditional Mundu, and the girls wore crisp and beautiful white and gold sarees with jasmine flowers adorning their hair.





The maveli dressed as King Mahabali entered the room when at the same time, the origin story of Onam was recited, followed by the spectacular Thiruvadilla dancing. The club members gracefully conducted a ramp walk to highlight the traditional attire.

The highlight of the Onam festival was the Onam Sadya, where more than 300 students and faculties gathered to enjoy a delicious meal. The meal included a variety of over 13 exceptional dishes served on banana leaves, each with its unique flavour and aroma. The festival also included Uriadi games at Shri Krishna Jayanthi (Ashtami Rohini), bringing the festival to a memorable end.



ADUITYA 2022



ML SPRINT



ML-SPRINT was an enthralling hackathon organized by the Data Science Club on April 23, 2022, during the techno-cultural fest "AdvITYa'22" held at VIT Bhopal University. The hackathon offered various problem statements based on machine learning and required participants to train models under these statements.

The event was hybrid and aimed to familiarize participants with data modelling and machine learning. The fast-paced event required participants to apply their skills and develop solutions within just 48 hours (about 2 days). ML-SPRINT was a unique concept, and the participants demonstrated their hard work and dedication.

Participants from different universities attended the event, making it an enormous success, thanks to the hard work and dedication of the organizers. The hackathon allowed students to gain practical knowledge and experience in machine learning and data modelling, essential skills in data science.

CODESCOPE- GDSC

The Google Developers Student Club at VIT Bhopal conducted a coding competition for the GDSC Codescape event on 23rd April 2022, as part of the techno-cultural festival, Advitya'22.

The objective of the competition was to assess the student's knowledge and skills across several areas. The organisers aimed to aid students in improving their coding abilities and expanding their knowledge, making it the primary goal of the competition.

Apoorva, Shafin Kausar, and Naman Arora won the first quiz, while Ashu Singh, Rijul Kumar Jain, and Alok Khansali were declared the winners of the second quiz.

The event was well-organized and fuelled by the participation of many students. The event concluded on a satisfactory note. Alok Khansali, Apporva, and Ashu Singh took home the all-around honors.



KAGGLE CHALLENGE



The AI Club of VIT Bhopal hosted a riveting event, the Kaggle Challenge, as a highlight of the AdvITYa'22 festival. The competition, which took place on April 22nd and 23rd, 2022, was an enticing combination of virtual and physical participation that drew numerous teams. The event attracted an impressive crowd, with over 100 registrations and approximately 150 students actively participating.

The primary objective of the competition was to provide an immersive learning experience about the numerous machine learning techniques, with a particular emphasis on classification and regression. The event's design required participants to create a test problem within six hours using a provided dataset. In order to uphold fairness and transparency, the organisers implemented a continuously updating live leaderboard.

The competition concluded on a high note, with the winning teams receiving certificates of achievement and a prize purse valued at Rs.20,000. Feedback from both organisers and participants was exceedingly positive, making the Kaggle Challenge a resounding success in fostering machine learning and engagement.

VTECH CODING

On April 23, 2022, The CloudZone Club organised an online event, "VTech Coding," on the occasion of Technical Fest-AdvITYa 2022. The event was organised by the student organisers Nikita Raut and Shreyansh Jain. It was well-managed, and attendees provided excellent feedback.

The competition's basic idea was to develop a responsive website from the given topics. Participants had to choose one of the topics provided the day before and had to develop and deploy the website within 24 hours. On the event day, all the teams gave presentations on their projects, followed by a Q&A session.

The panel of judges reviewed and evaluated the projects. Five teams, each of 5 members, participated in the event and displayed their web development skills. The event was online, gaining an audience of about 150 students.

The event was a remarkable success, and the participating students got an opportunity to showcase their skills and creativity. Overall, it was a great learning experience for the participants and helped enhance their web development skills.



ROBOFAIR



The VITronix club hosted Robofair on 22nd April 2022, as a part of Advitya 2022. The event was hosted in collaboration with Robonauts India, a leading robotics education provider, and offered training and workshops on robotics and automation. The initiative aims to advance robotics research and development in India, providing people with the information and skills they need to be successful in this field. The six-hour session attracted many students from various schools of engineering, demonstrating the general excitement for robotics and electronics. Kamal Soni and Mukul Agrawal were the student coordinators, supported by faculty coordinator Dr.Nella Anveshkumar, who ensured every participant received the guidance they needed. The session started with a fundamental review of embedded systems and robotics by Mr.Arjit Soni, the centre head and certified trainer for Robonauts India.

Embedded systems and robotics were briefly introduced in the course's opening lectures by Mr.Arjit Soni. Students learned how to use the Arduino IDE for controlling the robotic kits and how to use basic circuits. It was exciting to watch the showdown between the groups and their robots. Each team had a maximum of four attempts to navigate the treacherous, obstacle-filled road before time ran out. The winners, led by Anurag Singhal, were awarded the trophy and a robotics kit from Robonauts. And the first runner-ups, led by Bhaskar Sharma, were awarded an Arduino kit. The Vitronix Club values hands-on learning and aspires to provide more engaging events in the future.

AMRC'22

On April 22nd and 23rd, 2022, the ANTERiX Club at VIT Bhopal hosted the AMRC'22 rocketry competition, sponsored by Real CAD and Rocketeers. The event brought together twenty teams, each with eight to ten members, to design, construct, and launch model rockets.

The competition was an excellent opportunity for participants to apply theoretical physics to real-world situations and to showcase their skills, creativity, and technical prowess.

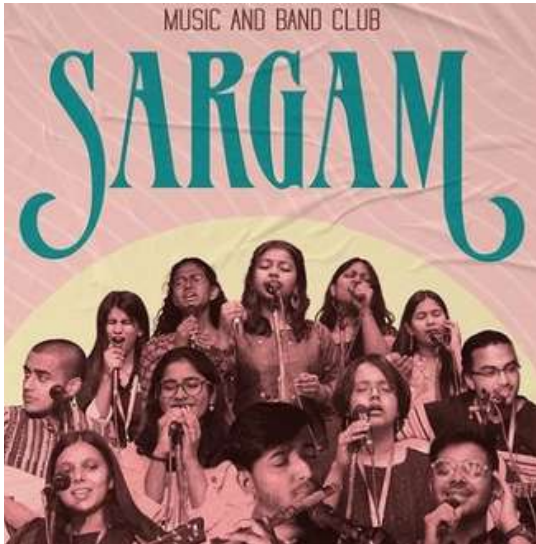


The teams spent the first day in the multipurpose hall, examining the engineering aspects of aerospace engineering and designing their models. The second day began at 9:00 am on the football field, where the teams were provided with a launch site and sensors to aid in the precise construction and launch of their rocket models.

A panel of judges evaluated the rocket's trajectory, design, speed, and range, with Dr.Prashant GK serving as one of the mentors and judges. In the end, Team ROCK-IT secured first place, followed by Team 101, making the ANTERiX Model Rocketry Competition a resounding success.

Overall, the AMRC'22 rocketry competition organized by the ANTERiX Club was an excellent opportunity for students to showcase their knowledge, creativity, and technical abilities. The event highlighted the importance of applying theoretical concepts to real-world scenarios and provided an unforgettable experience for all involved.

SARGAM



“After silence, music is the only medium nearest to expressing the inexpressible,” and the Music & Band Club of VIT Bhopal never fails to prove this. Continuing their streak, they organised “Sargam,” a singing competition, as one of their events in AdvITYa 2022. The vocals echoed through the auditorium walls’ from 9 am to 12 noon on the 22nd of April 2022, captivating the panel and the audience.

Sargam allowed students to showcase their melodic vocals and musical talents to an audience. Debarpita Dutta emerged as the winner of Sargam, with Arjama Pal and Drishti Singh sharing the second position and Malvika Ajith joining the list in the third position. The winners received trophies and certificates for their breathtaking performance.

The event was a huge success and was well-coordinated by the student coordinators of the club, Aadira Ramakrishnan and Aryan Ahuja, under the guidance of their faculty coordinator, Dr.Sugavaneshwar.

DARPAN

The Ekfraesis Dramatics Society at VIT Bhopal conducted Darpan as a part of AdvITYa 2022 on 22nd April 2022, from 12.30 pm to 3.30 pm in the Auditorium. This competition emerged as an opportunity for the participants to showcase their creative talent and own the stage with their 25-minute original performances.

Four teams, each comprising a maximum of 15 members, competed for the title and were judged based on originality, script, acting, energy, dialogue delivery, lights and music, direction, coherence in implementation, creativity, and plays’ overall impact. Rules for the competition only allowed 15 members in a team, and the act to be in English or Hindi or both with a time limit of 25 minutes, with an additional 5 minutes of 5 minutes for technical setup. The teams had to self-source their props and costumes and refrained from exactly copying any scene or enacting scenes with offensive, obscene, disrespectful actions or gestures, profanity, or abusive language to abide by the rules.

The team comprising Krishnanjali, Jewel, Don, Malavika, Sayanth, Adithya, Deepika, Bhavishya, Devika, Fiza, and George emerged as the winners. The team comprising Aashay Kulkarni, Mohajit Paul, Satwik Nayak, Saksham Gupta, Aryan Tiwari, and Madhav Gupta came as strong competitors and were the runner-ups. The event was a terrific success and gave students a fantastic platform to showcase their skills and originality. Students had a great chance to hone their abilities, work with their peers, and pick up priceless experiences.



CRAFT-O-RAMA



The Meraki Fine Arts Club at VIT Bhopal encourages young minds to develop their artistic talents. To commemorate Earth's Day and first day of Advitya'22 on 22nd April, the club organised an enthralling event to ignite interest, an idea, and a vivid imagination in all candidates. The event was held in hybrid mode and sponsored by Mayuri Caterers, Visa mart, and Underbelly. The event was known as "Craft - Orama," and the theme was "Vasundhara," meaning the earth.

In this activity, participants were encouraged to create something that could be gifted back to nature using discarded material. This task was to be completed in 3 hours by the students. The participants used scrap materials such as Cans, Pipes, Bamboo, and Maggie Cups. The event also included cash prizes of Rs.1500 for the first position, Rs.1000 for the second position, and Rs.5000 for the third position.

The event was a success thanks to the efforts of student co-ordinators Mr. Shreyash Sompurkar and Ms. Sonalika Bharadwaj and the brilliant vision of faculty co-ordinators: Dr.Mamta Agrawal and Dr.Jyoti Badge, who coordinated the event.

PAPER DRESS DESIGNING

On the occasion of ADVITYA'22 and earth day, The Fine arts club MERAKI organised exciting events for artists with vivid imaginations on 22nd April 2022. One such event was paper dress competition, a contest for participants to unleash their inner designer and create stunning attires using only newspapers. The competition encouraged an amalgamation of traditions and cultures, with participants incorporating both Indian and Western touches in their designs.

The participants showcased their artistry by presenting their models in these beautiful paper dresses. The esteemed guest and judge of the day, Dr.Reena Mehra, was spellbound by the participants' creativity and their incredible pieces of beauty. The event was a great success, showcasing the potential for creativity and sustainability by using everyday materials to create stunning fashion designs.



RANGOLI COMPETITION



Meraki, The Fine Arts club celebrated ADVITYA'22 and Earth Day with events to showcase participants' creativity and imagination. One of the events was Rang De, a rangoli competition, held on 22nd April, 2022, for participants to express their creativity and imagination. The guest judge was Dr.Reena Mehra, who evaluated the rangolis and appreciated participants' creativity, skills, and exquisite and intricate designs. The event was a vibrant display of colour, with bright hues depicting participants' ideas and messages. The event also promoted environmental conservation, which was met with enthusiasm by the students. Thus, MERAKI, the fine arts club, successfully promoted creativity and imagination for their vibrant and creative community of artists.

ADZAP

"It's not about the product, it's about the story you tell!"- Steve Jobs.

This is precisely what the VIT Business School Biz-Whiz Club did during their AdZap Contest. During Technical Fest- AdvITYa'22, on 22nd April, students were able to showcase their marketing skills and display their creative abilities.

The competition was a hybrid event, with about 50 students competing online and in person. Each participant had the option to name their product and advertise it through a creative act. The online participants submitted recorded videos, while the offline students performed live in front of a jury.

The competition was fierce, but ultimately, four teams emerged victorious. 'Not a Funny Commercial' and 'Twilight Communication' won the top honors in the online competition. 'Star Warrior' and 'Dolphin' dazzled the judges with their inventive antics throughout the offline event.

The student coordinators, Rishabh Jain, Yashvinee Shakywar, and Chetna Shukla, oversaw the event. Their hard work and attention to detail ensured that the event ran smoothly, with positive feedback from participants.

Of course, none of this would have been possible without the tireless efforts of the Biz-Whiz Club's faculty coordinators, Dr.Manisha Singh and Dr.Vikash Bhatnagar. Their guidance and support were instrumental in making the event a success.



DRONA



During the AdvITYa'22 fest held on the VIT Bhopal campus, the Tarkshya Team organized DRONA on April 22, 2022, which consisted of various drone-related competitions, such as drone racing, obstacle courses, and photography.

The participants were divided into teams and competed against each other to showcase their drone maneuvering skills. The drone racing competition was a highlight of the event, where teams designed and built their racing drones and competed on a challenging obstacle course. Participants had to navigate their drones through obstacles while maintaining high speeds, which made the competition intense.

The drone photography contest was another exciting competition, where participants captured stunning aerial shots using their drones. Judges evaluated the photographs based on their creativity, composition, and overall visual appeal. In addition to the competitions, DRONA featured informative talks and workshops on various drone-related topics, such as advancements in drone technology, the use of drones in agriculture, disaster relief, and aerial mapping.

Overall, DRONA was a successful drone event that provided a platform for drone enthusiasts to showcase their skills and knowledge. It highlighted the importance of continued innovation and development in this field and the potential of drones in various industries.

GAMER'S ASYLUM

The Virtual Reality and Gaming Club of VIT Bhopal University held an offline e-sports competition, "VITB Gamers Asylum," from 21st April 2022 to 23rd April 2022. The competition took place from 9 am to 4 pm in the Gaming Lab of the Lab Complex, and Dr.Chandan Kumar Behera served as the faculty coordinator.

The event aimed to offer students a chance to learn about India's developing eSports community and inspire them to achieve new heights in the industry. It was intense and included a LAN-based tournament of the well-known online 5v5 tactical shooter game VALORANT, with 8 to 16 teams competing. All students received high-speed LAN internet connections to guarantee a smooth and continuous gaming experience.

The competition was a big success, with the "Resurgency eSports" team taking first place. The group included Malhar Desai, Kunal Dhingra, Hardik Kwatra, Harish Sivakumar, and Pranav Kumar Vasudeva.

The "VITB Gamers Asylum" was a resounding hit, demonstrating VIT Bhopal University's dedication to giving students chances to follow and prosper in their pursuits. The competition showcased eSport's promise in India and gave students an experience they would remember.



OTAKON



As part of the AdvITYa'22 fest, Otakon, an anime and manga festival, was an exciting event that brought together anime enthusiasts throughout the university. A silent voice/Koe no Katachi, an anime film, was screened as the first activity. The screening took place on April 23, 2022. The theatre-like setting was ideal for viewers who wished to take in the movie with people who shared the same interests.

The next activity was an AMV (Anime Music Video) competition. During the event, ten participants' AMVs were selected for screening. Furthermore, the audience was encouraged to vote for their favorite to make things more interesting. The task for the audience was to write down every anime name that appeared in the corresponding AMVs. The rules were strict, with only one submission allowed per person, and no Hentai or NSFW(Not Safe for Work) content was permitted. Overall, Otakon provided a wonderful space for anime and manga fans to gather and enjoy their favorite things.

LITVIT DRAFT

One of the essential parts of an individual's life is the literature and popular culture that shapes them. Celebrating that, the English Literacy Club of VIT Bhopal conducted "LitVIT" on the 22nd of April, 2022, as part of AdvITYa 2022 through hybrid mode. The event consisted of two rounds. In the first round, participants had to describe a card's contents without using a given set of words. It was up to the remaining participants to guess what the card said. This task aimed to stimulate participants' creative thinking in terms of language and gauge their views on a given concept. In the second round, the participants had to construct a story from a given prompt. The story had to be of at least three hundred words. There were three judging criteria: originality, writing style, and spelling and grammar. The venue was English Studio, and Dr.Atul Aman and Dr.Dev Brat Gupta were the esteemed judges for the event. "LitVIT" aimed to celebrate language and literature richness through fun games and tasks. Both the participants and the judges had an enjoyable time.



ROCK A BLAST



The Music & Band Club of VIT Bhopal presented Rock A Blast, the ultimate platform for aspiring musicians, at Advitya'22 on April 23, 2022. The event provided music enthusiasts with an opportunity to showcase their skills by performing together as a band and entertaining the crowd with music.

The participants from different backgrounds could perform with other like-minded students who shared a passion for music. The performances varied in musical genres and styles, and the event was accessible to all budding musicians.

The musicians played various instruments like the guitar, drums, and others. The variety of musical performances that the audience saw kept them well amused, and the event's excitement and enthusiasm were evident the entire time.

The Music and Band Club at Advitya'22 provided the ideal setting for music lovers to unite and work their musical magic, and the event celebrated the enthusiasm and skill of budding artists.

The chief guests were the Vice Chancellor and the Director of Students Welfare. Team Zidd consisting of Srujan Sahu, Debroop Sarkar, Winston Thomas, Anshul Sathe, Aditya Bhattamishra, and Smarani Basu, was awarded the winning trophy of the competition.

Rock A Blast served as an example of how music can unite people and make lifelong memories. It was a memorable event that showcased the talents of aspiring musicians, and we look forward to many more such events in the future.





SPORTS 2022



AARAMBH'22



VIT Bhopal's Sports Club organized Aarambh 22, the annual inter-branch sports tournament with more than 500 participants and 2000 registrations, at the multi-purpose hall and football ground. The tournament took place from 14th November to 31st December 2022 under the guidance of the University Sports officer, Dr.Prashant Tiwari.

The tournament began with eight teams fighting against one another for a final cricket match. The same high spirit and sportsmanship were visible in badminton, football, volleyball, table tennis, and basketball tournament. In conclusion, the Aarambh 22 tournament was a great success and a testament to the staff and students' resilience, determination, endurance, patience, and sportsmanship. It also highlighted the importance of sports in shaping one's character and promoting teamwork and camaraderie in students.



Voluntary Articles

Insights Annual Magazine



TECH

ROLE OF VIRTUAL AND AUGMENTED REALITY IN EDUCATION



Khushi Sharma
(20BH110039)

Virtual reality (VR) and Augmented reality (AR) are two rapidly advancing technologies that are changing the way we interact with the world around us. While they have different applications and capabilities, both VR and AR have the potential to transform industries and improve our daily lives in several ways. The role of education is multi-faceted and can vary depending on the context and perspective.

Generally speaking, education refers to the process of acquiring knowledge, skills, values, and attitudes through various formal and informal means. Education plays a crucial role in shaping individuals and societies. It is a process of acquiring knowledge, skills, values, and attitudes that enable individuals to lead fulfilling lives and contribute positively to society. Some of the key roles that education can play include:

Personal development in which education can help individuals develop their intellectual, emotional



and social capabilities, allowing them to become well-rounded individuals who are better equipped to navigate various challenges in life.

Professional development in this education can provide individuals with the knowledge and skills they need to succeed in their chosen careers, whether they be in business, medicine, engineering, or any other field.

For Social and cultural development education can play a crucial role in promoting social and cultural cohesion, as it can help individuals understand and appreciate different cultures, traditions, and ways of life.

Economic development also contributes to education as it can be a key driver of economic growth, providing individuals with the skills and knowledge they need to participate in the workforce and contribute to the development of their communities.

Civic engagement and democracy in which education can play a vital role in promoting civic engagement and democracy by fostering critical thinking, civic responsibility, and participation in democratic processes.

Overall, education is a fundamental human right and a critical tool for personal and societal growth and development. The use of both Virtual and Augmented reality can help us Improve the quality of education provided.

Virtual reality refers to a completely computer-generated environment in that users can immerse themselves in using a headset or other display device. With VR, users can feel like they are in a completely different world, and they can interact with that world using specialized controllers or even their movements.

VR is being used in a variety of applications, from gaming and entertainment to training simulations for complex tasks like surgery and flight. Augmented reality, on the other hand, refers to a technology that overlays digital information onto the real world.

Users can see digital elements superimposed onto their real-world environment using an AR-enabled device such as a smartphone or headset. AR is being used in a variety of applications as well, from gaming and entertainment to industrial and manufacturing settings where workers can use AR to receive real-time information about machinery or other equipment.

Virtual and augmented reality (VR and AR) are emerging technologies that have the potential to revolutionize education. They offer immersive and engaging experiences that can enhance learning and provide opportunities for interactive and experiential learning.

Here are some of the roles they can play in education:

- **Enhanced visualization:** Virtual and augmented reality can help students visualize complex concepts and processes that are difficult to understand through traditional teaching methods. For example, virtual simulations can help students understand the molecular structure of a chemical compound or the mechanics of a machine.
 - Users can see digital elements superimposed onto their real-world environment using an AR-enabled device such as a smartphone or headset. AR is being used in a variety of applications as well, from gaming and entertainment to industrial and manufacturing settings where workers can use AR to receive real-time information about machinery or other equipment.
 - Virtual and augmented reality (VR and AR) are emerging technologies that have the potential to revolutionize education. They offer immersive and engaging experiences that can enhance learning and provide opportunities for interactive and experiential learning.
- **Immersive learning:** Virtual and augmented reality can create immersive learning experiences that allow students to explore and interact with virtual environments. This can be particularly useful for subjects like history, where students can visit historical sites and experience events as if they were there.
 - **Personalized learning:** Virtual and augmented reality can be used to personalize learning by tailoring content to individual learning styles and abilities. For example, virtual tutors can provide real-time feedback and adapt their teaching to the student's pace and progress.
 - **Collaborative learning:** Virtual and augmented reality can enable collaborative learning experiences, where students can work together to solve problems and complete tasks in virtual environments. This can be particularly useful for distance learning, where students may not have the opportunity to work together in person.
 - **Accessible education:** Virtual and augmented reality can make education more accessible to students who face physical or geographical barriers to learning. For example, students in remote areas can attend virtual classrooms and access educational resources that would not be available to them otherwise.

Here are some of the roles they can play in education:

- **Enhanced visualization:** Virtual and augmented reality can help students visualize complex concepts and processes that are difficult to understand through traditional teaching methods.

Here are some examples of how VR and AR can be used in education:

- **Virtual field trips:** VR can transport students to places that are difficult or impossible to visit in person, such as historical sites, museums, and even other planets. This allows students to explore and learn about different cultures, environments, and concepts in a more engaging way.
- **Simulations:** VR and AR can be used to create simulations that allow students to practice and apply their knowledge and skills in a safe and controlled environment. For example, medical students can practice surgical procedures, pilots can practice flying, and mechanics can practice repairing engines.
- **Visualizations:** VR and AR can be used to create interactive visualizations that help students understand complex concepts and systems. For example, students can explore the human body in 3D, or simulate the behaviour of molecules and atoms.
- **Enhancing textbooks:** AR can make textbooks more engaging by bringing the content to life with 3D models, animations, and interactive elements. Students can interact with the content by scanning images in the textbook with an AR-enabled device.
- **Personalized learning:** VR and AR can be used to provide personalized learning experiences tailored to individual students' needs and learning styles.

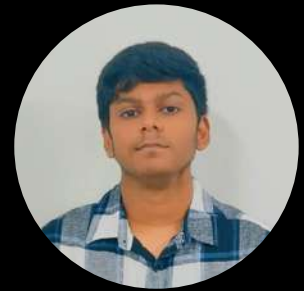
For example, students can learn at their own pace, receive immediate feedback, and have access to customized learning materials.

- **Language learning:** VR can provide immersive language learning experiences by simulating real-life situations in which students can practice speaking and listening skills.
- **Special needs education:** VR can provide a safe and controlled environment for students with special needs to learn and practice skills that might be difficult or impossible to do in real life.
- **Collaboration and communication:** VR and AR can facilitate collaboration and communication among students and between students and teachers. For example, students can work together on projects in a virtual environment, or teachers can provide feedback and guidance in real time.

Overall, VR and AR have the potential to transform education by providing new and innovative ways to engage students, enhance learning outcomes, and prepare students for the future. However, it is important to note that these technologies are still in the early stages of development and implementation, and more research is needed to understand their effectiveness and impact on learning.

TECH

ARTIFICIAL INTELLIGENCE AND ITS IMPACT ON THE JOB MARKET



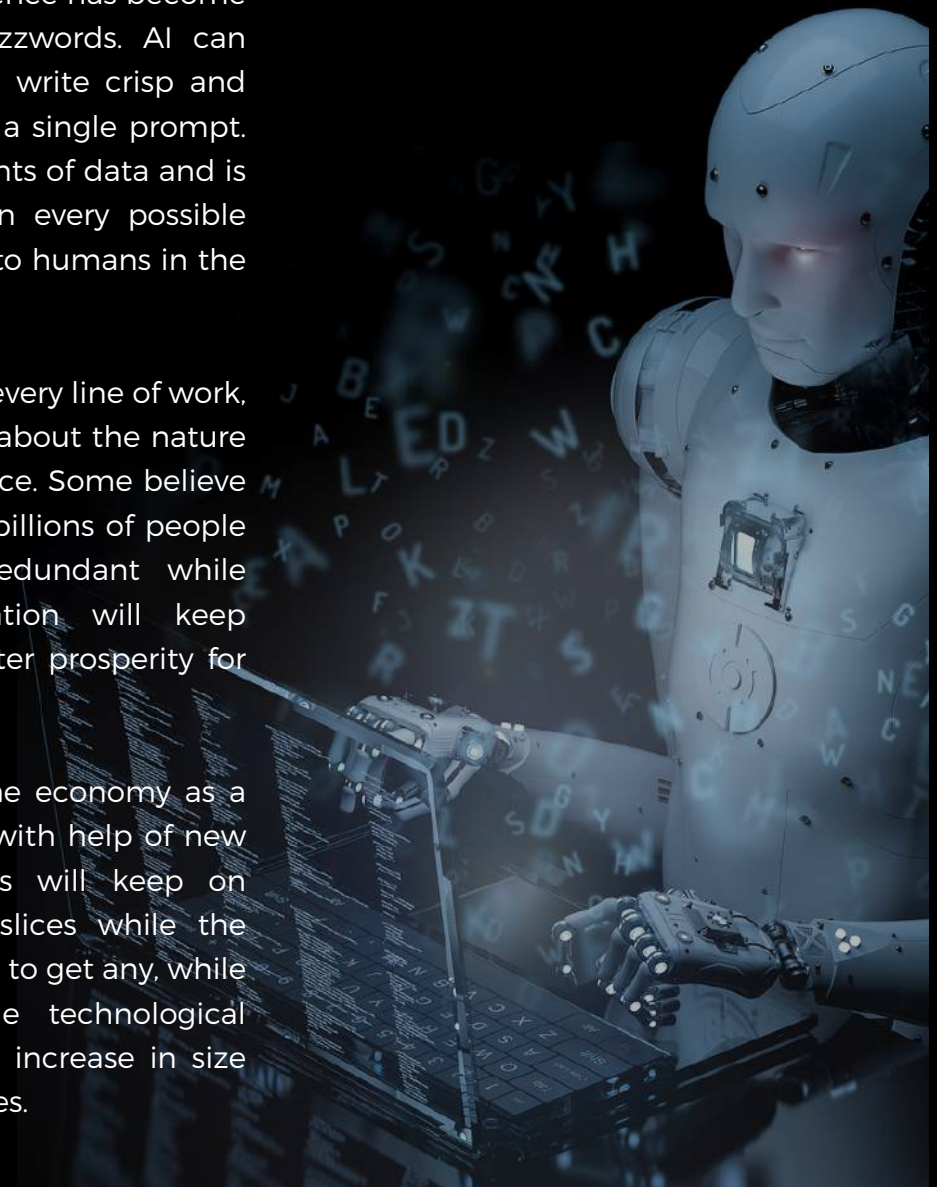
Aaditya Dinesh Joshi
(22BH110103)

Change is inevitable...

In recent years Artificial Intelligence has become one of the most popular buzzwords. AI can produce vibrant paintings and write crisp and engaging paragraphs with just a single prompt. It can process enormous amounts of data and is now outperforming humans in every possible field but does AI pose a threat to humans in the job market?

It is agreed that AI will change every line of work, but there are conflicting views about the nature of the change and its imminence. Some believe that in a mere decade or two billions of people will become economically redundant while others believe that automation will keep generating new jobs and greater prosperity for all.

As an analogy let's consider the economy as a pie, some people believe that with help of new technology, only a few elites will keep on grabbing bigger and bigger slices while the general population will struggle to get any, while others believe that with the technological development, the pie will also increase in size and everyone will get their shares.



Why is AI a threat?

Humans have two types of abilities-physical and cognitive. During the industrial revolution machines competed with humans in raw physical abilities while humans still retained an immense edge over machines in cognitive abilities. Now AI is competing with humans in cognitive abilities, but AI wasn't considered a threat as most jobs required human 'intuition', humans had a mysterious free will which AI could not possibly compete with right? But recent neuroscience breakthroughs helped us look into the human consciousness and revealed that there is no free will! Rather there are billions of neurons calculating probabilities in split seconds.

This suggests that our emotions and the decisions we make are not the results of free will, they are biochemical algorithms, which means AI could decipher these algorithms better than human scan that is a machine could know you better than you know yourself! (as dramatic as it sounds, it's a very real possibility). So the idea that humans will have a unique ability beyond the reach of a non-conscious algorithm is just wishful thinking.AI and is not only threatening to acquire abilities unique to humans it's also enjoying non-human abilities.

The conscious edge...

Let's say human consciousness is much more complex than a bunch of algorithms, will humans still retain an edge over AI? Most probably not. AI won't be gaining consciousness soon, but it doesn't mean it won't achieve super intelligence.

Intelligence is decoupling from consciousness, AI might not be conscious but still, possess super intelligence and for a system, intelligence is mandatory while consciousness is optional.

The conscious experience of a taxi driver is far richer than that of a self-driving car-a non-conscious but highly intelligent entity, only a taxi driver can feel emotions and enjoy music, but the system doesn't require that all it wants is to make traveling cheap, safe and quick which a self-driving car can perform far better than a taxi driver.

For AI to squeeze humans out of the job market it needs to outperform us in specific abilities a particular profession demands. It is becoming easier to replace humans with an algorithm not only because algorithms are getting smarter but also because humans are professionalizing in much narrower niches.

How different professions might get affected...

In 2013 two researchers from oxford Carl Benedikt Frey and Micheal A. Osborne published "The future of employment". They had developed an algorithm that calculated the probability of a job being lost to automation in the next twenty years. There is a 99% probability that telemarketers will lose their jobs, 91% for tour guides, and only 0.7% for archeologists. While these are only predictions, the truth is no job is safe from automation.

What will be the fate of lawyers when AI can process data at rates that humans can't comprehend and when brain scans can reveal lies and deceptions at a press of a button? What will happen to teachers? When digital teachers take over?

They analyze every answer student gives and teach in a way that suits students' personalities, strengths, and weaknesses. A single network of AI doctors can get about a new disease or a cure in mere seconds, has better data about patients, and thus can make a much better diagnosis and replace individual doctors. One might argue that AI could never replace humans in professions that require a 'human touch', who would want to hear a diagnosis from a cold machine right? How about a machine that collects data from all your biometric sensors analyzes your emotion and tailors its words and its voice according to your feelings and personality? That's way better than the human touch!

Acceptance

Let's accept the fact that traditional jobs will be lost to AI, but it will also mean there will be more money to pay for human scientists and lab assistance to do groundbreaking research.

Team-up?

Instead of competing with AI humans could focus on servicing and leveraging AI, future job market might be characterized by human-AI cooperation rather than human-AI competition. Now let's assume new jobs will be created as AI takes over traditional ones, the problem with these new jobs will be that they will demand a very high level of expertise.

Thus despite the appearance of new jobs we might face simultaneously suffer from high unemployment and a lack of skilled labor.

A human in the future might need to redefine himself/herself every few years as AI will continue to take over every existing job. This makes us wonder will the average human has the emotional stamina necessary for this. We will need much better stress reduction techniques or the reason for unemployment won't be a lack of jobs or education but insufficient mental stamina and inability to cope mentally.

Solutions?

We could prevent losing jobs but it seems like a rather unattractive idea because it means giving up or not utilizing the potential of AI. Even after our best efforts if billions of humans are pushed out of the job market we will have to explore new models for post-work societies and post-work economies.

An interesting concept that is getting a lot of attention is UBI (Universal Basic Income) where the government could tax a few elites and provide basic income, utilities, or services to the general population. What is 'basic' will change with time.

Future...

We can't say for sure what the future will look like, nobody knows for sure if we're on a verge of a terrifying upheaval or if these predictions are yet another example of ill-founded Luddite hysteria! All we can do is hope for the best while also being prepared for the worst.

TECH

FROM

CONNECTION TO DIVISION

-The Internet Paradox Driving Social Polarization

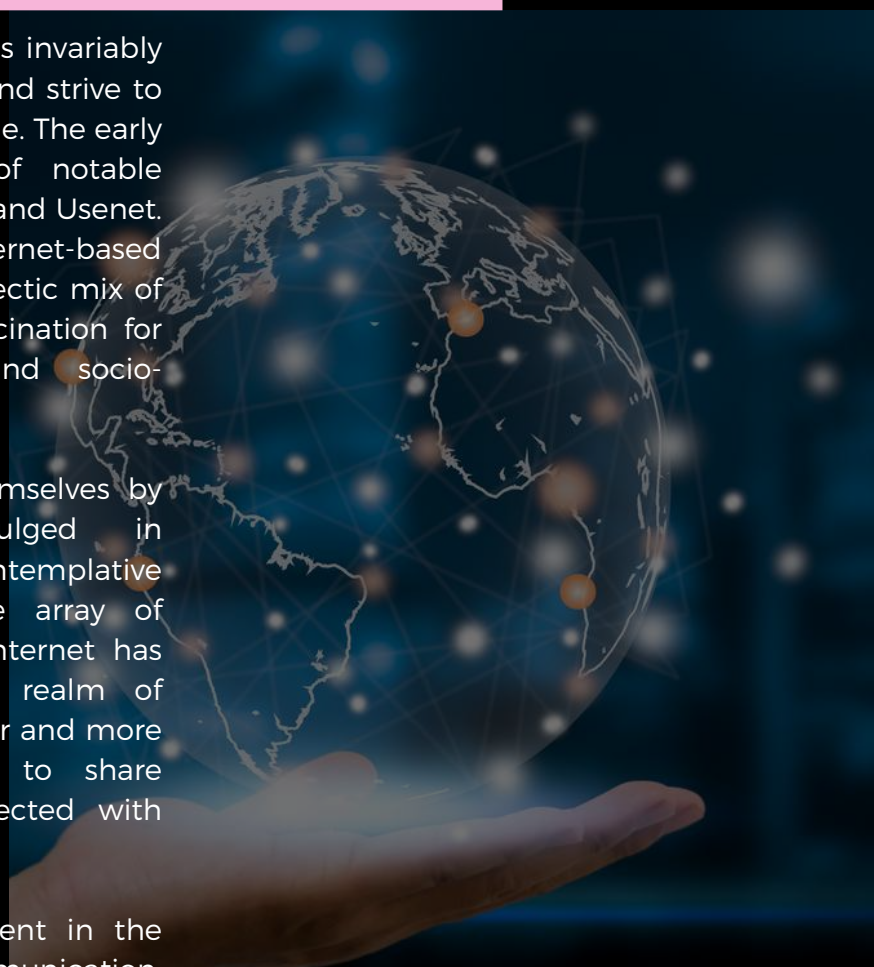


Harsh Dayal
(22BCE10564)

The very basis of the internet has invariably been to increase collaboration and strive to be an open community for people. The early internet hosted a number of notable communities, namely the WELL and Usenet. The WELL served as an internet-based community that fostered an eclectic mix of individuals with a common fascination for technology, counterculture, and socio-political movements.

Participants who identified themselves by their actual names indulged in comprehensive and contemplative deliberations on an extensive array of subjects. Since its dawn, the internet has brought a revolution in the realm of communication, facilitating faster and more convenient ways for people to share information and remain connected with one another.

This has led to an enhancement in the speed and potency of communication, enabling individuals to connect with one another instantly, regardless of their location. Furthermore, the internet has significantly broadened the scope and spectrum of communication, making it more inclusive for diverse segments of people, irrespective of their socio-economic standpoint.



The internet has also facilitated the formation of online communities based on shared interests, enabling people to establish relationships and communicate their opinions and viewpoints in a more informal setting. Does that mean that the magical realm of the internet has no downsides?

While socializing can be highly beneficial for individuals and society as a whole, it is important to acknowledge that exceptions exist. Given the complex nature of human interactions, it is not uncommon to encounter situations that limit the benefits of socialization due to other factors. While one would agree that increased access and exposure to diverse groups of people can broaden one's experiences and perspectives, it has also facilitated the formation of insular communities, thus contributing to the phenomenon of polarization. Rather than promoting inclusivity and understanding, some social environments have given rise to entrenched groups that hold narrow views and are resistant to dialogue or compromise.

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broaden one's experiences and perspectives, it has also facilitated the formation of insular communities, thus contributing to the phenomenon of polarization. Rather than promoting inclusivity and understanding, some social environments have given rise to entrenched groups that hold narrow views and are resistant to dialogue or compromise.

Polarization in society refers to the process whereby individuals or groups become divided along ideological, political, religious, cultural, or social lines, often resulting in an extreme divide between two opposing sides.

This can lead to a situation where people on either side of the divide are unwilling to engage in constructive dialogue, leading to increased tension, hostility, a lack of social cohesion, decreased socialisation, and increased depression.

These online communities become an echo chamber where any discussion or viewpoint that is even slightly off from the fundamental beliefs of the community gets looked down upon. In many cases, the users who don't align with the views of the community get muted or banned.

These circumstances further increase extreme points of view among individuals, which inhibits their capacity to process diverse and radical thoughts. Individuals who have polarized beliefs often perceive the world through a dichotomous lens, where they tend to view complex situations as starkly divided between opposing extremes rather than recognizing subtleties and nuances. It bears an uncanny correspondence to the fact that traditional computers also see the world in terms of 1s and 0s. While mainly political, it isn't to say that polarization only affects humans on a political basis.

Some pop culture viewpoints tend to dictate this process too; many "fan bases" or fan communities over the internet have been termed "toxic." For example, the K-pop fanbase has become infamous for its toxic behaviour, often engaging in online bullying and harassment towards other fans and individuals who criticize the industry, or the Rick and Morty fanbase has gained notoriety for its aggressive behaviour towards others.

So how exactly does the internet fuel these phenomena? Unlike the Web 1.0, where it was filled with enthusiasts and amateurs just wanting to share their experiences and collaborate with others.

The Web 2.0 brought a drastic change with monetization. Now sites and forums could earn money from their users. This led to the emergence of social media giants, which are, in most cases, solely based on a monetization model with ads. To fuel their exponential growth, social media platforms are required to grab as many eyeballs as possible and keep them for as long as they can since the larger the number of users and the attention time from those users, the larger the profits from the ads.

To fuel their exponential growth, social media platforms are required to grab as many eyeballs as possible and keep them for as long as they can since the larger the number of users and the attention time from those users, the larger the profits from the ads. Through countless studies, it has been proven that our insatiable thirst to find like-minded individuals is hardwired. These companies offer just that, a way of engaging with others who share the same beliefs as us.

Companies develop recommendation algorithms that specifically target audiences with content that is ensured to grab their

attention and increase the usage of their apps, thus increasing the probability of more ads being seen.

Social media platforms have been observed to garner higher engagement rates when featuring more radical and immoderate content. However, studies have repeatedly highlighted the detrimental impact of social media on mental health, with the platforms often serving as a trigger for depression.

Individuals who feel emotionally vulnerable tend to seek validation and support from online communities, including highly polarized groups that can foster radicalization and extremist views.

This is a positive feedback loop: polarization leads to depression, and depression may lead to polarization and increased usage of social media and the internet, which leads to increased loneliness and depression. As loneliness and anxiety continue to increase at an alarming rate globally, the risks to social institutions appear to be growing more severe with each passing day.

How do we prevent this from happening?

This is a social problem that is going to require active, conscious efforts and education within an individual.

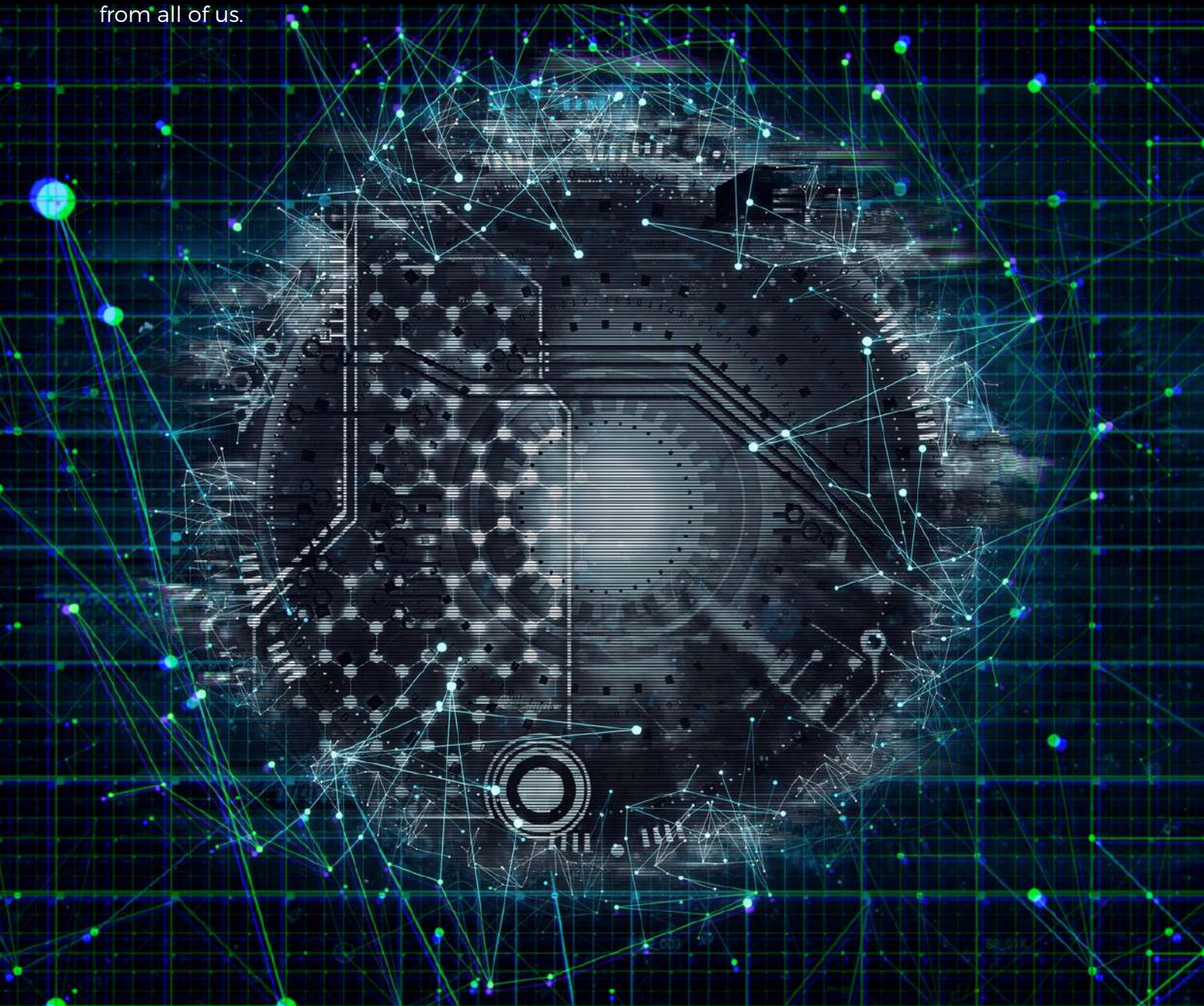
One should be aware of the basic psychology of humans and how we gravitate towards stuff that is familiar to us and how the "Us vs. Them" mentality is ingrained within us.

Being aware of that is single-handedly one of the most crucial steps in overcoming polarization within society. We can also encourage open and respectful dialogue, foster diversity, promote critical thinking and media literacy, and support community building and social networks.

We should also try to minimize the use of social media, be mindful of the content consumed, try to connect with peers offline, seek professional help when needed, and engage in self-care activities such as exercise, meditation, or spending time in nature. These things can help us prevent depression and loneliness.

Ensuring proper self-care and mental strength can enable individuals to keep themselves from falling into the rabbit holes of polarized spaces within the Internet. Another thing we can do is hold these large corporations responsible and make sure they abide by ever-updating moral and ethical practices.

We should also bear in mind that following these guidelines may not yield immediate results in improving our society, but we should not lose hope or give up. Mitigating polarization in society is a long-term endeavour that requires patience and perseverance from all of us.



NON-TECH

THE ART OF VENTING



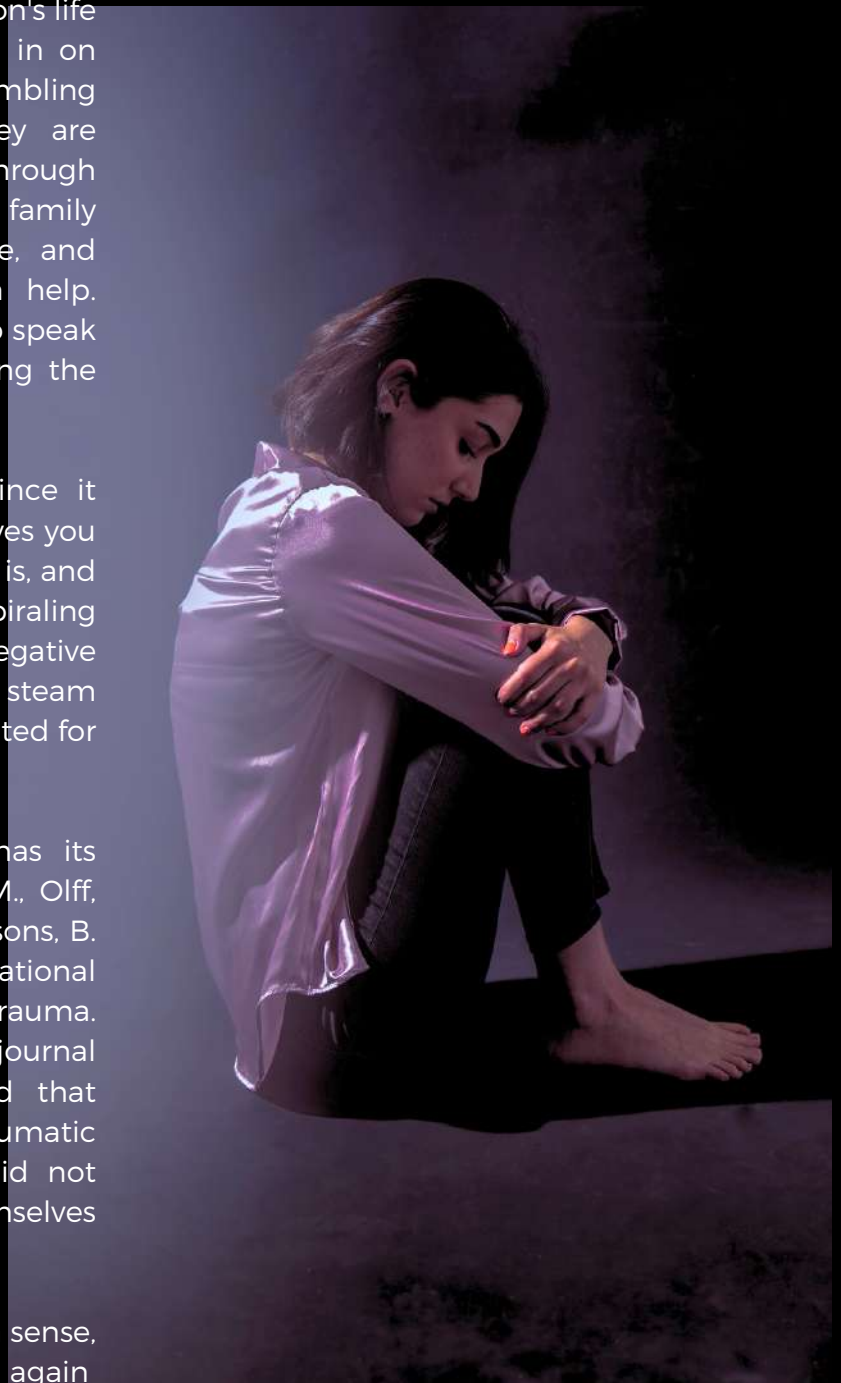
Krupa Mariam Thomas
(21BHI10035)

There are those difficult days in a person's life when they feel the walls are closing in on their lives, and their worlds are crumbling around them. It may be that they are experiencing a bad hair day, going through workplace drama, dealing with family conflict, or grieving for a loved one, and talking to someone they trust can help. Venting is the formal term assigned to speak about the problems that are troubling the person's mind to someone else.

It is occasionally a good practice since it decreases the stress on your mind, gives you better clarity on what the botheration is, and can also reduce the chances of spiraling down into a bottomless abyss of negative thoughts. The terms "let it out", "let the steam off" and "get it off chest" has been created for this course of action.

As with any good thing, venting has its downsides, too. A study (Sijbrandij, M., Olff, M., Reitsma, J. B., Carlier, I. V. E., & Gersons, B. P. R. (2006). Emotional or educational debriefing after psychological trauma. Randomised controlled trial. *British journal of psychiatry*, 189, 150-155.) assessed that encouraging victims of post-traumatic events to "debrief" their accounts did not help them much to distance themselves from the trauma.

A reason for this is that debriefing, in a sense, is relieving through the experience again



without neither finding any relief nor any meaning behind the pain. A solution to this is asking listener for their opinion when "reconstruing" the event and not "recounting " it. It will help one to broaden their horizon on the issue and gain insight. A 2012 study showed that individuals who read and wrote online venting rants were more likely to experience a shift to the negative side emotionally. Another study with 60 females, was able to successfully prove that ruminating through the same issue repeatedly increased blood pressure. Venting can also affect the listeners. Repeatedly venting the same events can cause strains in relations, for there is a limit to which the listener can lend their ears.

At times, a person can find themselves venting off to strangers and passersby too, because they want to get the topic off their chest and be able to breathe. Although one feels slight relief when it is done, there is not much the listener in this situation, i.e. the stranger can do..except offer a hug and a tissue... While some prefer their environment of choice to be physical, others prefer it to be online, in various social media rants.

Venting to someone in a physical environment is more effective as it lets an individual to process their feelings better, and it also allows the listener to provide the empathy and comfort required adequately. It can be inferred from here that the environment chosen plays a vital role in the comfort given. Additionally, the listener needs to be just as involved in the venting process as their counterpart. The listener is not to be just "hearing" what the person wants to say, but to "Listen". It requires a whole span of attention, to process what they have said, and most importantly, to be able to empathize.

It is common to have the misplaced notion that being assigned the Listener means that the counterpart is seeking advice. However, this is untrue as the majority of venting is done to have an outlet for emotions. Offering advice when one seeks comfort can be misunderstood as nagging if not communicated appropriately, and it can drive them away.

Giving words of validation and comfort is the listener's duty. To be comforted that it is okay to feel a certain way and that it is tolerable to not have a solution right away. It is also essential that the listener knows in what context they are saying these. For example, if the speaker is describing a situation that the listener has not personally experienced, saying the words "I Understand" can be touché. What the latter can say instead is, "I cannot truly comprehend what you are going through, but I can empathize with you. " or something along those lines.....

It is both a self-realizing truth and an acknowledgment of the other person's pain. It says in the plainest possible ways that they cannot fully relate to the former's pain, but that they still want to be there for them. Other sticky phrases include "it is not that bad", and "it could have got worse" as it displays a lack of proper listening and the absence of empathy. But by saying things like "hey, I'm here to support you", and "I wish that I could change that ", it shows that they want to be there for them.

Trauma dumping is something else to be aware of, for both parties involved. Trauma dumping is when someone shares what is bothering them during an inappropriate time, and/or without their consent. Trauma dumping can make cause discomfort for the listener as they may be involved in dealing with other situations that require their

emotional and mental focus, and may not be able to provide a safe venting space for the speaker, which in return will cause the speaker to feel that the listener is incapable of providing them the needed comfort.

Hence, to avoid such situations of discomfort for both parties, it is essential to check with them beforehand whether they are available or when they will be available.

In the end, what must be done is "skillful" venting. Identify someone you can trust to be vulnerable with. Choose an appropriate time and environment. Ask for their perspective on the issue when reconstructing the incidents that are bothering you. This can be considered a "thinking out of the box" exercise. Also, ask yourself when choosing the person whether venting with them the last time helped you feel better or made you feel worse.

If you are someone who prefers online venting, be careful about the personal information that you are sharing. Remember that there are plenty of online users out there who have various opinions and as much as they offer different perspectives, it may be hard to gain an overall perspective that helps you move forward.

While it is still unclear about the overall mechanism of venting, it surely is a good thing, since it helps us cope better in the long run, by letting off steam, being made aware of our emotional reactions, and building stronger relationships.



NON-TECH

THE ROLE OF WOMEN IN STEM AND ENTREPRENEURSHIP



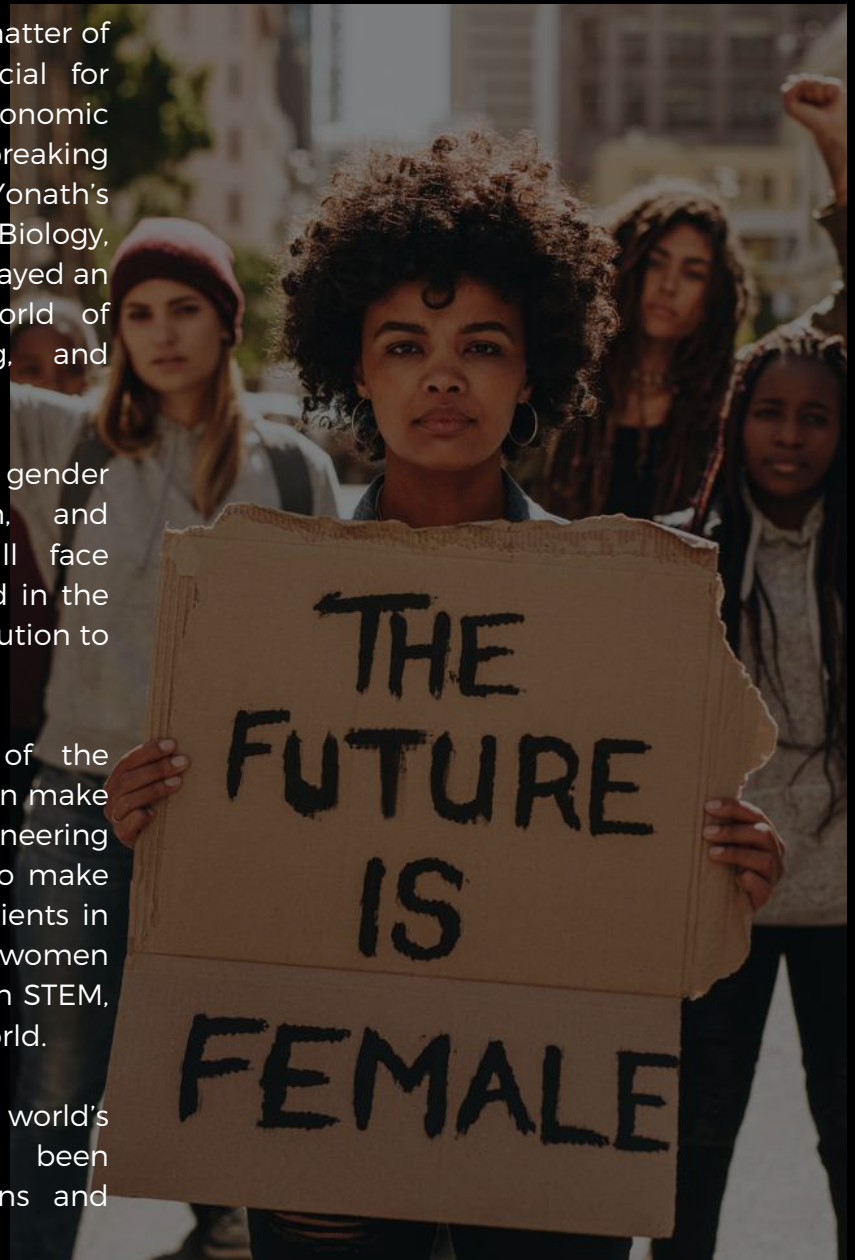
Dakshita Motwani
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"Empowering women is not just a matter of human rights, but it is also crucial for sustainable development and economic growth." From Marie Curie's groundbreaking research in radioactivity to Ada E Yonath's research in Biochemistry, Molecular Biology, and Crystallography, women have played an essential role in shaping the world of science, technology, engineering, and mathematics recognized as (STEM).

Despite progress made towards gender equality, numerous contribution, and innovation potential, Women still face obstacles and are underrepresented in the field of STEM. However, their contribution to the field is increasingly evident.

According to the recent stats of the National Science Foundation, women make up only 28% of the science and engineering workforce whereas men continue to make up the vastmajority of degree recipients in STEM and in India, about 43% of women constitute thegraduate population in STEM, which is one of the highest in the world.

Despite comprising half of the world's population, women have long been lessened in both STEM professions and entrepreneurship.



Women-owned businesses grew by 58% from 2007 to 2018, compared to 12% for all businesses.

Talking about India, women entrepreneurs have founded great and renowned companies such as Nykaa, Mama Earth, MobiKwik, Lime road, Menstrupedia, and many others.

With more women in STEM, there will be diversity and a wider range of unique ideas, perspectives, and approaches leading to more effective solutions and so there are many reasons why women make great entrepreneurs. They tend to be risk-averse, which can be an important quality in the business.

Women bring a unique set of skills and experience that is important for success. They are also good at multitasking and generally have better emotional intelligence than men, which comes in handy when dealing with customers and employees since emotional intelligence is a quality that can overtake just intelligence, hence women tend to form companies that perform better financially and have higher levels of employee satisfaction.

Along with the progress they make there are several challenges to be faced that are related to the gender gap, discrimination, lack of funding, investments, and resources and the main one for them is to make a complete balance between work and family responsibilities.

Even while there has been substantial success in getting more women to pursue careers in science and entrepreneurship, there is still a significant gender gap that has to be closed. It is crucial to address the institutional biases and hurdles that women experience in these disciplines

if we are to close this gap. Girls' early encouragement to pursue STEM careers can clear up gender stereotypes and build a talent pipeline.

Giving female entrepreneurs guidance and networking opportunities can help them get over obstacles and establish prosperous firms.

Finally, it is important to highlight and promote the achievements of women in STEM and encourage women youth to pursue careers in these areas this can be done by providing training and development programs, actively recruiting, and promoting women, and creating policies and a culture that supports work-life balance.

Role of Women:

Even while there has been substantial success in getting more women to pursue careers in science and entrepreneurship, there is still a significant gender gap that has to be closed. It is crucial to address the institutional biases and hurdles that women experience in these disciplines if we are to close this gap. Girls' early encouragement to pursue STEM careers can clear up gender stereotypes and build a talent pipeline.

The resources and support systems available for women are:

- Women in STEM organizations, such as Women in Technology International and Society of Women Engineers.
- Mentorship programs, such as the National Girls Collaborative Project and Million Women Mentors.
- Funding and investment opportunities, such as the National Science Foundation and Women's Venture Capital Fund.

NON-TECH

WHAT DOES THE WORLD LOOK LIKE?



Soumyashis Sarkar
(22BCE10621)

It could have been a beautiful morning. I lay in bed, rubbing the sleep from my eyes, as the golden fingers of the morning sun stretched across the room. I woke up, dangled my legs over the edge of my bed for a few seconds, and then shrugged off the sweetness of bed. I put the kettle on the stove for my morning cup of tea. The kettle bounced and chuckled as I brushed my teeth.

I skim through the usual, dreary pages of the newspaper. My wife would have struck up a conversation about the “Different ways to take care of a Lemon tree” article on page 7. That would’ve been a glorious morning, if only it was 30 years ago.

Finding no reason to prolong my stay at home, I gulped down the rest of my tea and set off to start my Sunday. The second’s hand hangs listlessly in a clock forever stuck in time. I would have taken it down, had it not been the only article of decoration on the walls of my coffin-sized room. Repairing it, as you might have guessed by now, is out of the question.

It is the year 2051. 30 years ago, while the whole globe was locked down, we had imagined a COVID-free future, a world full of flying cars and modern cities, a healed Earth finally free of green jacketed climate change activists continuously asking for 30 seconds of your time.



Although the pandemic is over, we are still reeling. I put on some clothes, and made my way to the Unemployment Bureau. I was almost at the gates of my high-rise, when I realised, I had forgotten my mask. The pandemic has ended, but not our fear. One would believe that after 30 years of donning a mask, it would have become as natural to us as clothes.

I can't speak for others, but I still live in the nostalgia of a pre-pandemic world. I still yearn to dance with strangers in a grubby bar on a Saturday night. I long for weddings and functions with people milling about, having fun instead of 2 dimensional pictures tipping their wine glasses on Zoom. I do not want my nose and throat swabbed every Monday at the local hospital. I want to go out without having to rush back home because I forgot my mask. I am 60 years old now, and I still cannot adapt.

I walked hunched over as the pangs of last night's hunger took over. A massive hoarding of a perfect, happy family advertising yet another gated community for the bourgeoisie hung by the footpath.

It seemed to taunt me. I had a family too, 30 years ago, until the second wave of the virus snatched them from me. Since then, I've lost my job, taken up abode in a dilapidated excuse for a building and have become an irascible 60-year-old, who makes weekly trips to the Unemployment Bureau. I passed the high-rise and saw Vikas in his neatly ironed guard uniform, standing on the balls of his feet, greeting a bespectacled man not much older than me, dressed in a bright blue t-shirt and white shorts. Vikas is the success story of Affordable Housing Block B-291. He is the only employed man in the entire block, even if it is a guard job in an ivory tower.

I waved at him, but he turned his back and ignored me.

I walked out of my building (mask-clad now, thank you) and the guard greeted me good morning in his characteristic drawl. I saw a man on the other side of the street, hunched over, waving in my direction. Did I know him? I didn't know. I kept walking and so did he, our paths parallel it seemed.

Although I usually do most of my shopping online, I like to venture out now and again to buy the month's groceries. The supermarket was right in the vicinity of the Unemployment Bureau. As I entered through the supermarket doors, I saw the man on the other side of the street join the long line at the Bureau.

The sun beat down relentlessly as I stood in the long line in front of the Bureau.

I saw the person in the white shorts hurrying a little as he passed our line of unemployment, as if avoiding us would make us all go away.

I tried to distract myself from the growls of my stomach as person after person came back after finishing their turn, some with despair evident in the eyes, some with elation in their being. I wondered what was in store for me. An excruciating half an hour later, it was finally my turn.

On the other side of the glass pane sat Kiran. I had known Kiran for over three years now, ever since I lost my job as a nurse at the hospital to automation. We had become friendly, or as friendly as a beggar and a person who drops a coin in his bowl every day on their way to work can be. She acknowledged me with a raise of her eyebrows.

I gave her my Identity card, which she scanned into the machine to search for available employment. "I am sorry, next?", she said.

I wasn't even surprised. I had no energy left to be. I did not angrily condemn the injustice of the world or make pitiful pleas. I just turned back, and walked. And as I walked, I learnt a short lesson; debilitating hunger and overwhelming despair do not go well together on a hot day. I collapsed onto the street. I heard some gasps, some murmurs like, "What if it's COVID?" and a general shuffling away of people, and then everything was black.

A half an hour of strolling back and forth between the aisles in the merriest of fashions, picking this and that, I finally stepped out of the store into a searing desert. (I had tried desert safari 3 years back in the Amazon, it wasn't fun.) I noticed a commotion by the Bureau. I stepped closer for a better look, and then I saw, through a small chink in the wall of spectators, the man who had waved at me, lying spreadeagled on the asphalt. I asked a person standing near me, "Why is no taking him to the hospital?" "They think he might have COVID or something, Saheb", he replied, in a matter-of-fact voice. I was astonished. Memories of my wife's death, alone, isolated, in an impersonal hospital bed flooded my mind. How I stood far away as a PPE clad man lit her pyre. I was angry, but who could I be angry at?

No one deserved such a death. The grocery bags fell onto the ground as I rushed into the crowd, pushing people aside. A couple of men joined me and together, we picked up the unconscious man. His chest rose and fell laboriously as we carried him as fast as we could to the hospital.

I woke up to a sterile whiteness all around me. "Never thought I'd see you here", said a disembodied voice as I struggled to sit up and focus my vision. My head was covered in bandages and an IV tube ran up my arm. A man in a white coat stood by my bed. It was Dr.Ghosh, whom I had assisted during my time as a nurse.

"Neither did I, Doctor", I chuckled in reply. A robot entered the room and hovered over me for a few minutes, and then printed out a report for Dr.Ghosh. "Its bedside manner needs some polishing sir.", I observed.

It was met with silence. "How did I come here?", I asked. "A man in a blue t-shirt and white shorts rushed you in. He wouldn't leave until one of the doctors took a look at you. You were not in a very good condition.", saying this, he left the room.

The room was bathed in the red glow of the setting sun. I looked out of the window and smiled to myself. There is hope for us, as long as there is kindness and empathy.

It is 2051, and I think the world looks okay.

Insights Annual Magazine

INTERVIEWS ON ENTREPRENEURSHIP

ft. Dr.Sandip Mal, Dr.Pankaj
Kumar and Dr. Jyoti Chauhan



DR. SANDIP MAL**Senior Assistant
Professor**

Dr.Sandip Mal is the Programme Chair of the Computer Science and Engineering Programme in the School of Computing Science and Engineering, VIT Bhopal. He has a number of publications in National and International journals of repute.

Interviewer: Are competitions important in a student's life?

Dr.Sandip: Undoubtedly, competitions play a crucial role in shaping our lives.

Interviewer: Have you seen any students who benefit from competitions?

Dr.Sandip: Many students, including one who joined my club, have gone on to achieve great success. As the coordinator of the Android Club, he learned a lot and applied his knowledge to secure a position at a good company with an attractive salary package.

Interviewer: Name some competitions you have heard of.

Dr.Sandip: There are many programming competitions, such as Google Summer of Code, as well as online platforms where students can refine their programming skills by participating in challenges.

Interviewer: Doing a job or starting your own startup?

Dr.Sandip: My suggestion to students is to work for an organization initially and gain insight into how businesses operate. With this knowledge, you can start your own startup. Additionally, starting a business requires capital, which can be earned during your job. Therefore, I recommend working for 3 to 4 years after graduation to gain experience and save money before establishing

your own startup.

Interviewer: Who are better teachers, Doers or Sayers?

Dr.Sandip: Sayers because I believe that people who make promises are more likely to follow through with their commitments because they feel a sense of obligation to prove that they can live up to their words.



DR. PANKAJ KUMAR**Assistant
Professor**

Dr.Pankaj Kumar is a Doctorate in Taxation, from Department of Business Administration, Tezpur University (A Central University) Assam.

Interviewer: Are competitions important in a student's life?

Dr.Pankaj: I believe competition is essential in a student's life as it boosts their confidence and provides exposure to various fields beyond their academic studies.

Interviewer: Have you seen any students who benefit from competitions?

Dr.Pankaj: When I was teaching in Delhi, I had a student in his second year of B.Com who started his own business printing and selling various t-shirts in the market. Despite being only 18 to 19 years old, he earned a decent amount of around 50 to 60k per month from his business, which is quite impressive for a student.

Interviewer: Name some competitions you have heard of.

Dr.Pankaj: The business school at VIT Bhopal hosts several competitions in which students can participate.

Interviewer: Doing a job or starting your own startup?

Dr.Pankaj: In my opinion, becoming an entrepreneur is more advantageous for a student than having a job. While a job offers a fixed salary, starting your own business has no limit on potential income.

Choosing between starting your own business or getting a job depends on your personal preference. If you decide to become an entrepreneur, you must be willing to take risks. However, if you don't have the ability to take risks, you may have to settle for a decent job.



DR. JYOTI CHAUHAN

Assistant
Professor

Dr.Jyoti Chauhan is an Assistant Professor in the School of Computing Science & Engineering (SCSE) at VIT Bhopal. She has several publications in renowned International journals and conferences and is an author of a book published by LAP Lambert Publication, Germany.

Interviewer: Are competitions important in a student's life?

Dr.Jyoti: Yes, competitions are important. I think it is because we get to meet new people with the same enthusiasm for the things we like. It challenges us to be better in a good way.

Interviewer: Have you seen any students who benefit from competitions?

Dr.Jyoti: There was a student in his final year who, while working on his project, became so motivated to start his own company that he did just that. He even hired his friends and juniors as interns. I believe this is a wonderful idea, as facing competition can be motivating for both oneself and those around them.

Interviewer: Could you please name some competitions you would recommend to students?

Dr.Jyoti: There are many technical and non-technical competitions held at universities throughout India, in which students can participate. Additionally, there are competitions within VIT Bhopal that allow students to showcase their abilities.

Interviewer: Should you do a job or start your own startup?

Dr.Jyoti: If you value a disciplined life, then having a job may be the better option. However, if you aspire to achieve more than just discipline, then starting a business may be the way to go.

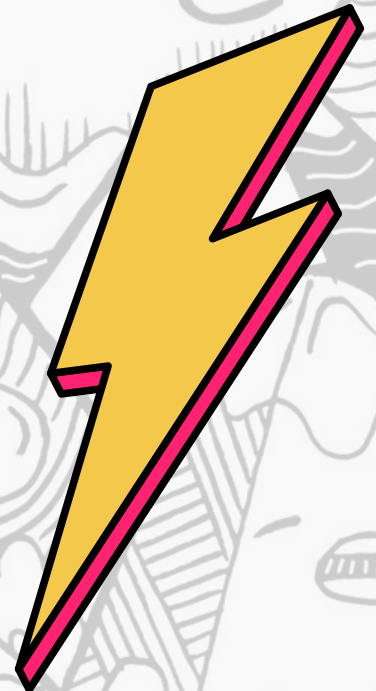


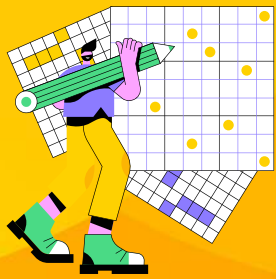
Interviewer: Who are better teachers, Doers or Sayers?

Dr.Jyoti: Participating is the first step toward achieving your goal. However, if you remain idle, nothing will change, and you won't accomplish anything. Therefore, it's essential to maintain a dynamic nature to achieve something. Whether you pass or fail is not important; what matters is your willingness to participate.



The VITians' Fun Zone





WORD SEARCH PUZZLE

D	Q	K	E	K	W	Y	E	I	A	S	C	Q	N	B
E	M	F	O	O	L	E	C	W	T	G	M	F	I	O
J	E	O	Z	E	E	L	N	R	K	P	M	D	A	D
F	S	F	S	J	P	C	A	D	S	B	F	M	H	Y
J	M	U	P	Z	H	I	N	W	B	J	M	W	C	Y
B	E	S	F	M	G	S	I	A	E	R	V	I	K	G
B	R	N	M	H	K	D	M	S	M	R	D	K	C	V
G	I	Z	T	D	Q	S	O	P	V	O	I	X	O	J
J	Z	L	H	E	F	C	D	W	H	H	R	F	L	L
M	E	T	R	O	P	O	L	I	T	A	N	H	B	C
Y	T	I	R	O	H	T	U	A	F	J	X	S	Y	N
R	E	M	M	A	R	G	O	R	P	C	D	J	F	G
M	E	C	H	A	N	I	C	S	L	V	A	G	W	O
Y	A	M	G	A	O	X	G	V	K	H	K	R	J	V
C	V	G	N	B	F	N	R	Z	O	V	P	P	N	A

Authority

Blockchain

Dominance

Firewall

Mechanics

Mesmerize

Metropolitan

Programmer

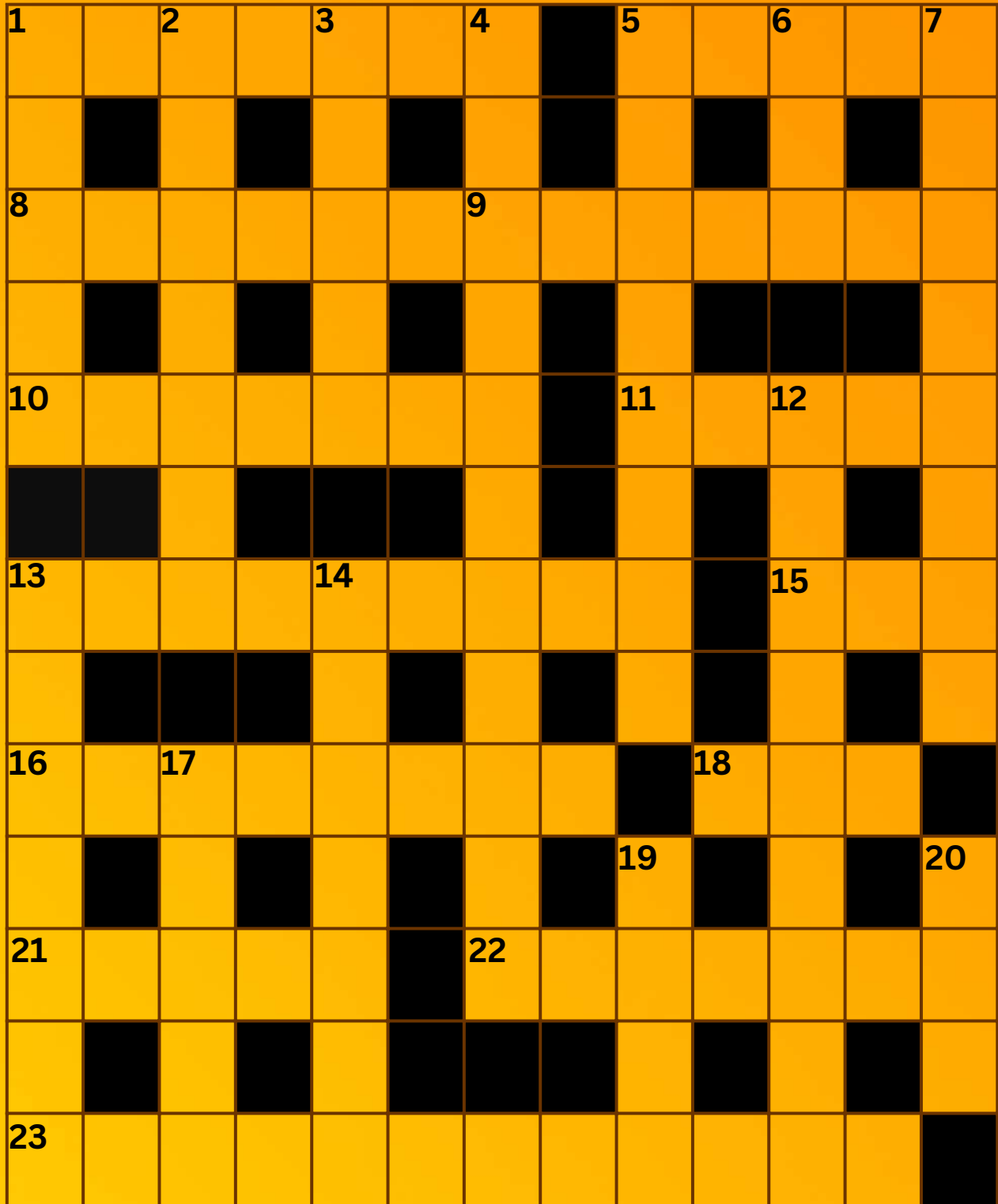
Romance

Straight

10 of 10 words is placed



CROSSWORD PUZZLE



CLUES

ACROSS

1. passed or gone time.
5. a deadly accident.
8. an individual with no parents.
9. shake involuntarily.
10. person living off others without giving anything in return.
11. expressing slight dissatisfaction.
13. group of people in full agreement.
15. small pub providing accommodation.
16. small piece of material on which computer mouse is moved.
18. area of wet, muddy ground.
21. the effect of genes introduced by pollen.
22. out of the ordinary objects from distant country.
23. becoming gradually less.

DOWN

2. a tall ancient greek jug with handles and long neck.
3. violently break.
4. become progressively worse.
5. not previously used.
6. a small flap attached to something.
7. habitually exploit or rely on.
12. denoting large sebaceous glands.
14. perform repeatedly.
17. a yellow crystalline compound present in lichens.
19. starting of a computer.
20. common household rodent.

Meet our...

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General Secretary



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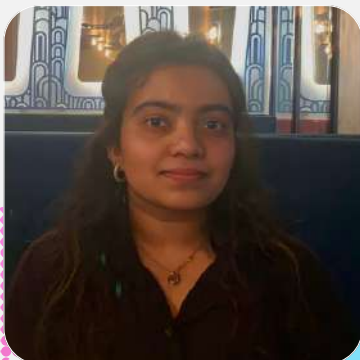
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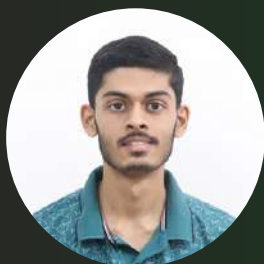
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