

The Compendium



Institute of Aeronautical Engineering(Autonomous)

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CONSORTIUM

Consortium 2022 was a national-level Technical festival conducted by IARE. It was a two-day event held on November 24th and 25th. In the consortium, students from each department organized a specific event representing their department. There were many interesting competitions, like

- Aeronave competencies (aero modeling)
- Clue mining (treasure hunting)
- Teensden (LAN gaming)
- Robo racer (robotics)
- Filmed and Grand Lens (short film and photography)
- Blind coding
- Prastuti (paper presentation)
- Buckers (technical quiz)
- Innover-2k22 (project-expo)
- Sethu, the ally forging (bridge mockup)
- Enigma (a technical crossword)
- TLE hack (coding contest)

Students and faculty from various colleges have attended this 2-day event. They registered for various events with minimal registration fees, and winners won great cash prizes. There were various food stalls and a separate stall for those who were interested in singing. The entire event was a big success, and the audience thoroughly enjoyed it.



TED-X : NATURE VS NURTURE

TEDxIARE, presented on January 26th at IARE College's Sangeeth Auditorium, was a fantastic event highlighting individuals' incredible journeys and the distinguishing relationship between nature and nurture. The event, organized by Sachin Pisipati and co-organized by Akash Meka, had a broad team of dedicated students from IARE, each leading a separate domain to ensure the event's success.

The TEDxIARE team was made up of talented individuals in diverse roles. The CR/PR team was led by S. Rajat Singh and Amuktha Kotamsetty, while the Marketing team was led by Adarsh Pandey and Manoj Sharma. The Designer's team, directed by Sneha Vellelath and Mamtha Patalay, made sure the experience was visually appealing. The Content Writers were led by Hutapriya L. and Gaurang Ratnaparkhi, while the Web Developers were led by VJ Hemanth Reddy and Hemanth Naidu. Ruth and



Niharika succeeded in Digital Marketing, while Krishna Gopal Maganti and Abhishek Kokkonda handled Logistics. Rahul and Vamsi, who lead the photography team, captured the spirit of the event. The day was full of inspiring speakers who shared their life-changing stories. The outstanding film director Sailesh Kolanu revealed his journey from science student to famous filmmaker, emphasizing how cinema portrays human character and behavior. Ajay, nicknamed Aye Jude, the pilot-turned-fashion influencer, shared how previous careers influenced his personality and sense of style.

Sri Charan Lakkaraju led the audience on a personal journey, pointing out the need for nurturing surroundings to nurture entrepreneurial mindsets as well as the crucial role of mentorship in this process. Pound Kakkar spoke about her journey as a professional pole dancer, shattering societal biases, and accepting herself as she is.

Coming from a Telugu family, fashion influencer Divya Boppana shared her remarkable experience of following her interests and finding her passion. The student speaker, Sneha Tulluri, intrigued hearts with her perseverance in overcoming hardships at such a young age, as well as how she nurtured her love for astronomy through podcasting. Other captivating performances included a flash mob by Plugs Crew and a soulful music performance. Abhinav Poreddy's beatboxing skills amazed the audience.

The event came to a close on a high note with a stunning closing ceremony performed by the band Aatish. The TEDxIARE event left an indelible impression on the audience, motivating them to consider their own nature and the nurturing that shaped their lives. The touching stories and performances specified the necessity of accepting our differences and the factors that shape our identities.



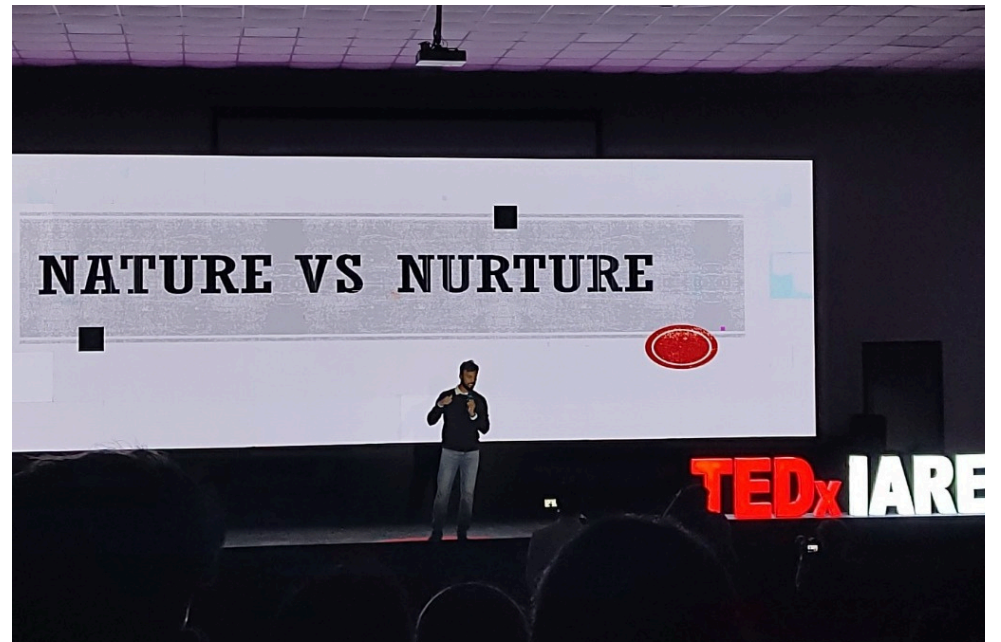
Satesh Kolanu



Ajay(Aye Jude)



Divya Bopanna



Sri Charan Lakkaraju



Sai Prasad Vishwanathan

- Srihimamshu Marripalepu

ALUMNI MEET

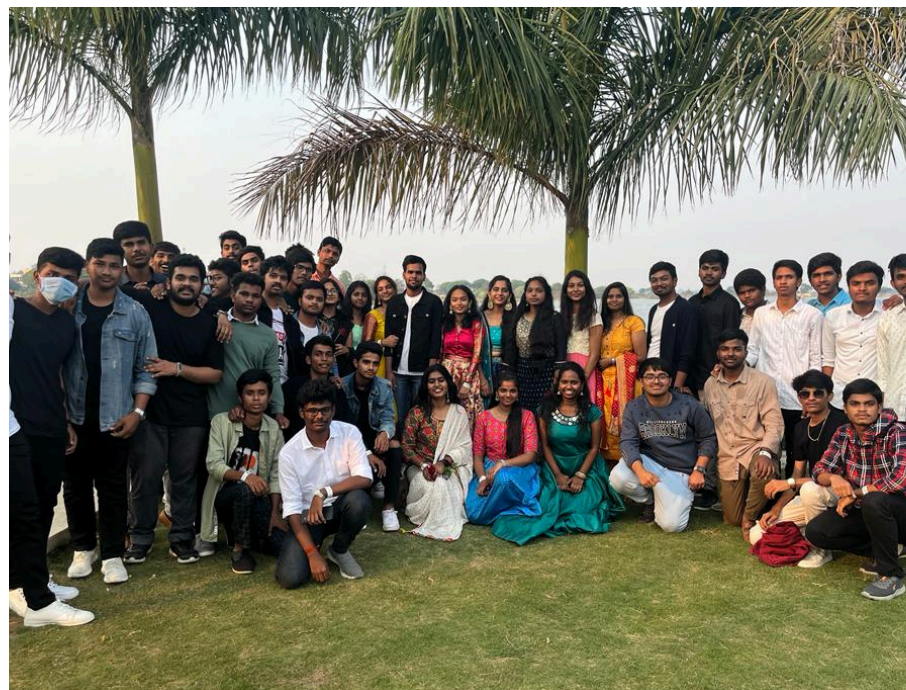
The Alumni Meet 2022 was a significant occasion loaded with wistfulness and delight. Mr. Mari Rajshekar Reddy, Dr. L.V. Narsimha Prasad, and other heads of departments attended the event. Eminent alumni were congratulated with grants in different classifications, reflecting their accomplishments and social effects.



The occasion highlighted social exhibitions by undergrads, including traditional exhibitions, stand-up satire, and dance. The night finished in a melodic style with lively exhibitions by vocalists Geetha Madhuri and Krishna Chaitanya. The occasion cultivated areas of strength and association among the alumni.



FRESHER'S



Plastic Ban in IARE

The alarming problem of plastic pollution is causing serious harm to our environment, ecosystems, and human health on a global scale. From mountain tops to the ocean floor, plastic waste can be found virtually everywhere, and animal consumption can have devastating effects. Additionally, improper disposal of plastic by people can lead to blocked drains, which can result in flooding in low-lying areas, particularly during the rainy season.

As plastic cannot decompose, it can remain on the surface of the earth for a very long time. It has been identified that single-use plastics play a significant role in plastic pollution. The amount of plastic waste entering our oceans each year is estimated at over 8 million tons.



IARE took a groundbreaking step in 2022 by banning plastic on campus as part of a visionary move to reduce plastic pollution. Due to this, plastic waste on campus has reduced dramatically, and the college has set an example for other institutes. All students and staff members were requested to reduce the use of single-use plastic products, like plastic bottles, straws, and cutlery. If anyone was to be found violating the above rules, they would be fined 1000RS.

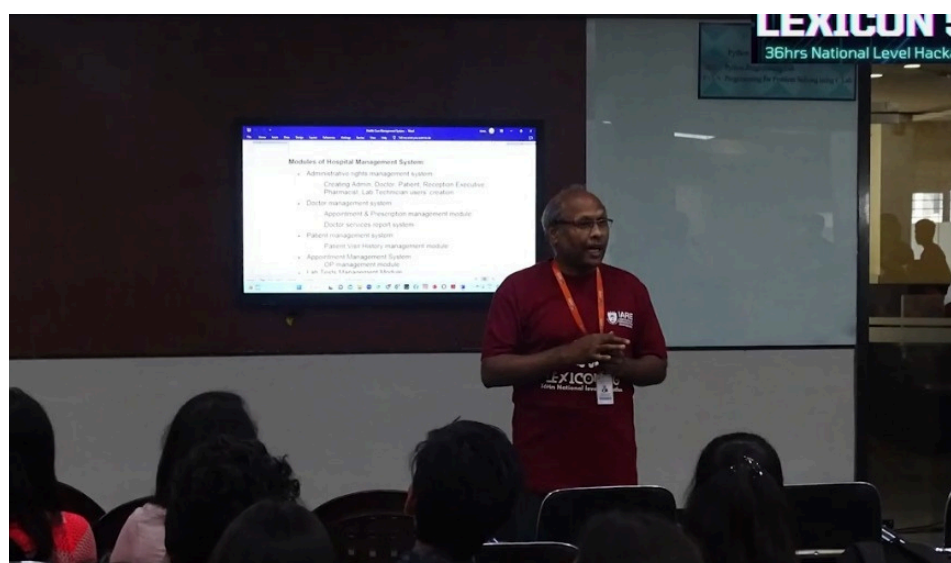
-By Hisham Khan

LEXICON : Fostering Innovation

As the world embraces the exponential pace of technological advancement, the demand for ingenious solutions to complex problems continues to grow. In the quest for innovation, individuals and teams have explored various avenues to tackle challenges head-on. Amidst this pursuit, a consistent beacon of creativity and camaraderie has emerged—the hackathon. A hackathon is a captivating event that brings together programmers, designers, and tech enthusiasts to collaboratively develop and showcase groundbreaking solutions within a limited timeframe. These gatherings have become an integral part of universities and colleges worldwide, empowering students to fortify their technological and logical prowess while fostering confidence and adaptability for an ever-changing future. Our college proudly hosts its own illustrious hackathon, Lexicon, now celebrating its triumphant 5th edition, wherein students are challenged to demonstrate their skills under pressure. Lexicon, the revered hackathon of our institution, stands as a testament to the power of collaboration, innovation, and the spirit of exploration.

As the world embraces the exponential pace of technological advancement, the demand for ingenious solutions to complex problems continues to grow. In the quest for innovation, individuals and teams have explored various avenues to tackle challenges head-on. Amidst this pursuit, a consistent beacon of creativity and camaraderie has emerged—the hackathon. A hackathon is a captivating event that brings together programmers, designers, and tech enthusiasts to collaboratively develop and showcase groundbreaking solutions within a limited timeframe. These gatherings have become an integral part of universities and colleges worldwide, empowering students to fortify their technological and logical prowess while fostering confidence and adaptability for an ever-changing future. Our college proudly hosts its own illustrious hackathon, Lexicon, now celebrating its triumphant 5th edition, wherein students are challenged to demonstrate their skills under pressure. Lexicon, the revered hackathon of our institution, stands as a testament to the power of collaboration, innovation, and the spirit of exploration. Its core mission is to serve as a nurturing ground for budding talents, encouraging them to rise to the occasion and create visionary solutions that address real-world problems. Since its inception, Lexicon has offered a platform that transcends boundaries, enabling participants to share their knowledge, skillsets, and experiences. By amalgamating diverse perspectives, Lexicon becomes a melting pot of ideas, fostering an atmosphere where brilliance can flourish and creativity knows no bounds.

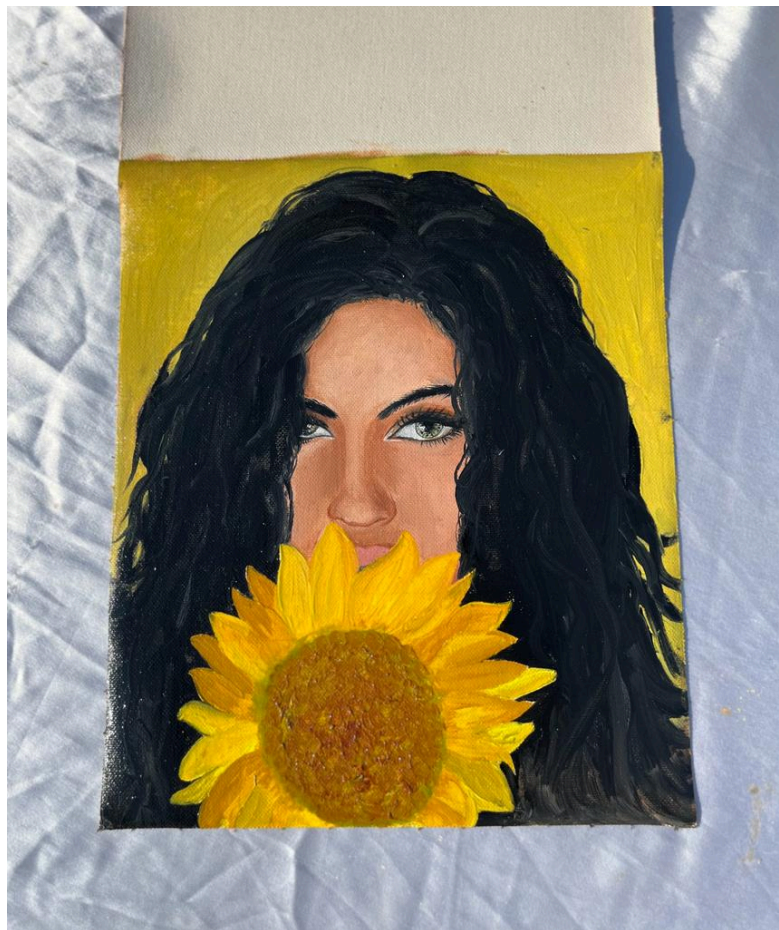
At the heart of Lexicon lies its greatest strength—the opportunity for participants to collaborate and learn from one another. By embarking on a shared journey of project development, the hackathon cultivates an environment of knowledge exchange. As participants pool their expertise, they unlock new insights and novel approaches to problem-solving. This enriching experience instills a deeper understanding of technology's potential for bringing transformative solutions to fruition. Moreover, as participants interact and cooperate, they forge lasting connections and networks that extend beyond the event's duration.



The Lexicon experience is an embodiment of innovation at its finest. Under the pressure of time constraints, students learn to harness their creative energies and envision solutions that transcend convention. The atmosphere of friendly competition and camaraderie ignites a spark in each participant, driving them to explore uncharted territories and experiment with cutting-edge technologies. Through trial and error, participants navigate through the intricacies of real-world problem-solving, enhancing their critical thinking and decision-making skills. This trial by fire produces not just working prototypes and applications but also confident and adaptable individuals ready to make an impact in their chosen fields.

In the grand tapestry of technological advancement, hackathons like Lexicon assume a pivotal role in shaping the future. As students and young minds converge, their collective brilliance shines brightly, illuminating the path toward a better tomorrow. Through collaboration, learning, and unyielding innovation, Lexicon exemplifies the true spirit of a hackathon. It nurtures the pioneers of the digital age, empowering them to explore the uncharted and conquer the insurmountable. As we eagerly await the next edition of Lexicon, we anticipate witnessing the birth of new technologies, solutions, and ideas that will indelibly shape the world in which we live.

STUDENT ARTS



BY K Vidhula Reddy
IT, 22951a12b4



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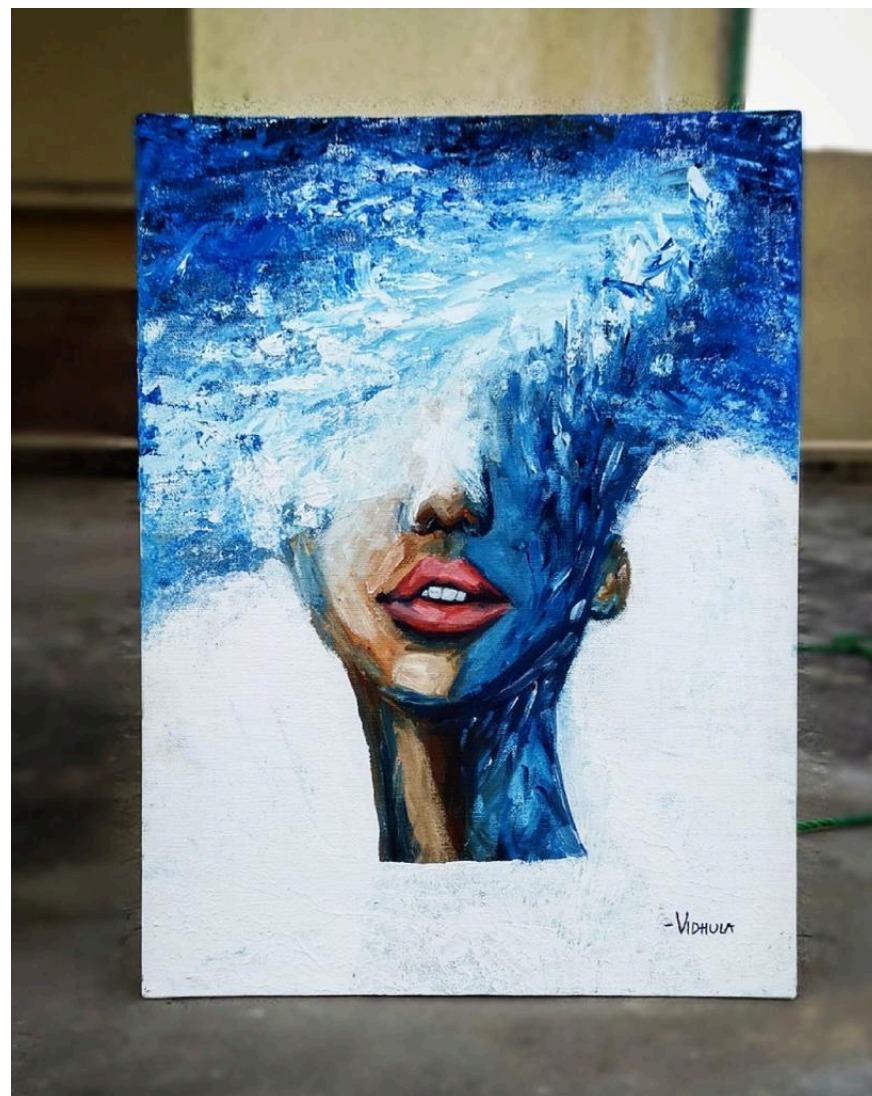
BY MAMTHA PATALAY
3RD YEAR, IT



BY PRASUNA
PONASANIPALLI
CSE DATA SCIENCE
1ST YEAR



BY K Vidhula Reddy
IT, 22951a12b4



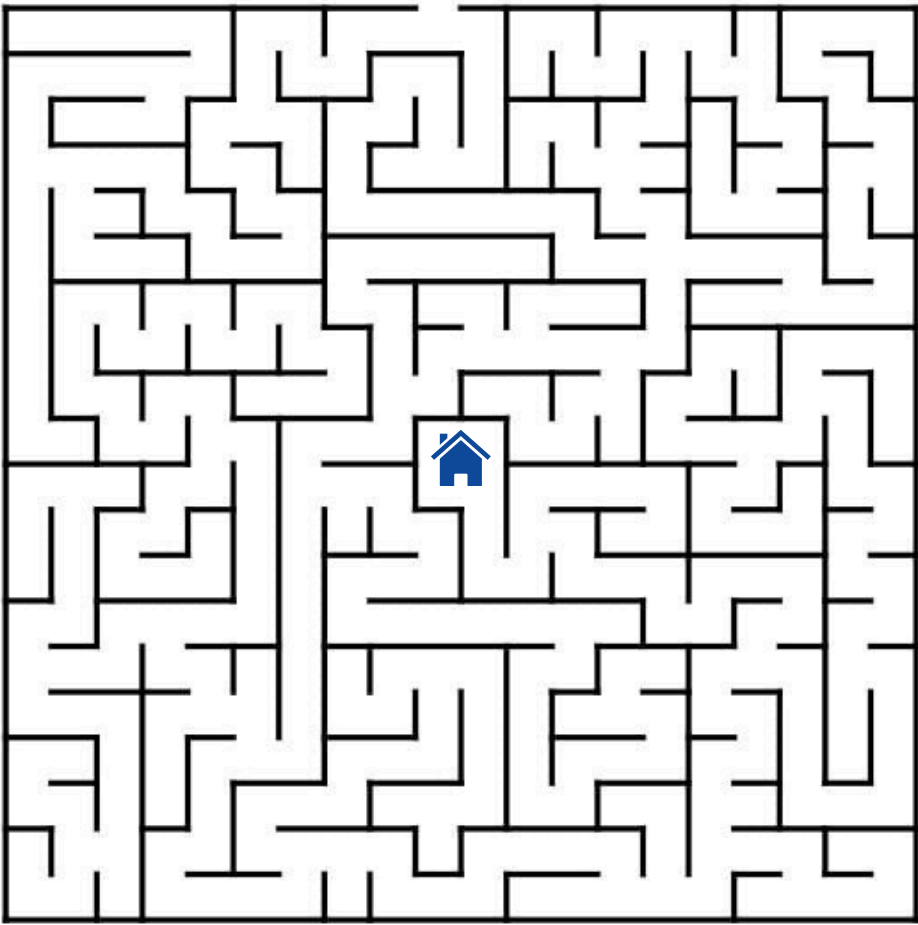
BY K Vidhula Reddy
IT, 22951a12b4

ARCADE

SUDOKU

MAZE

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WORD SEARCH

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

STARTUP
COMPUTER
PYTHON
ENGLISH
CIVIL
BUNK
AEROSPACE
JAVA
MECHANICAL
HOSTEL
JOB
ABROAD
PHYSICS
ELECTRICAL
CHEMISTRY
COLLAGE
CAREER
HARDWARE
SUSPEND
ATTENDANCE
SKILLS
EXAM
MATHS
IARE

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