The Compendium

IARE 2.0

IARE in the post-Covid era; Covid has forced us all to change, in some way or the other. And the college to has had to go through some massive changes. Starting with a major revamp of the college's online systems, specifically, the student login websites, which are now far better organized and structured than they once were.

The college had organized online classes throughout the pandemic, and also made accommodations for online examinations. After the college reopened for good, the college management paved the way for the creation of various student clubs and the student council. The college has placed equal importance on academic as well as co-curricular activities within the college, allowing student clubs of both the technical and cultural aspects to flourish.

The number of workshops held at the college has also increased because most of them can now be easily conducted online, which makes organizing them simpler. The college has also ensured that the new admissions feel welcomed in the college atmosphere.

The institution has placed a strong focus on how important it is for students to have a college experience as it goes hand in hand with academic performance. Hence, the rise of cultural and technical events helps in the overall growth of a student, making them suitable for the outside world.

DEPARTMENTAL ACTIVITIES

AERONAUTICAL ENGINEERS: THE PRIDE OF IARE

On December 9th, the department hosted an online conference where special guest Dr. B. H. C. S. N. Murthy, a renowned scientist and director general (MSS), delivered a presentation on the significance of AI and MI in the aeronautical area. The Aero department took the students to HAL Hyderabad, where they got to know about the latest equipment that is currently used by the Indian Air Force. In HAL, Students learned about and saw how some equipment functions, which is highly helpful to an aeronautical engineer. Over 20 organizations participated in the Mete Project Expo that our college hosted. Each person impressed the judges with their unique ideas. The winner of this Expo, Adithi, and her team surprised the judges by creating a prototype of a wing and its behavior at different angles, the performance of the wing was precisely calculated. The department also called the senior-most pilot of Indigo airlines, who previously worked in the air force, Captain Prabhat Kumar, the seminar was online, where he delivered a lecture about the wire technology, currently in use in Airbus with the latest engine. The students were able to understand why the automation and the stability offered by this technology are important. The students of the Aero Department got the third prize in the All India design Competition organized by Satish Dhawan Space Center SHAR, ISRO. Every winner has a mentor, their mentor was Professor YD Dwivedi, who also had a chapter written by him published in BK publications, in the UK.

IEEE -WOMEN IN ENGINEERING (IARE)

IEEE Women in engineering is one of the largest international professional organizations dedicated to promoting women engineers and scientists and inspiring girls around the world to follow their academic interests to a career in engineering. It connects 30,000+ members in over 70+ countries in the world. The main objective of this organization is to change the face of engineering. "WOMEN IN STEM CHANGE THE WORLD" with this slogan this organization has created awareness among different schools and institutions to educate women. Women in engineering bring different experiences than men. There are around 15% women in engineering all around the world. It strives to recognize women's outstanding achievements in electrical and electronics engineering, advocate women for in leadership roles and facilitate the development of programs and activities that promote entry into engineering.

IEEE-WIE(IARE) works to educate women and find career opportunities in the field of engineering. Our institute has focused on such organizations and has conducted events and seminars to promote WIE. "She inspires" was one such event conducted at our institute to get a view of how different women have inspired others. A woman can be a mother, teacher, wife, sister, engineer, doctor, lawyer, etc. One of such characters has played an important role in our life. Save the girl child was also one of the important missions of IEEE-WIE(IARE). It included women of our institute taking part in such missions to join hands to save the girl child nationally.

We need more women engineers as role models to inspire more girls as well as boys to study science and technology-based subjects and foster a new generation of technical professionals.

COMPUTER SOCIETY OF INDIA (CSI)

Computer Society of India, founded in 1965, has been instrumental in guiding the Indian IT industry down the right path since its formative years. Today, CSI has 72 chapters all over India with 511 student branches and more than 100000 members including India's most famous IT industry leaders, brilliant scientists, and dedicated academicians.

The IARE student branch of CSI started in the year 2008 with IT and CSE branches that were computed users and felt this would be useful for different computer activities. CSI now has many other branches, with the two most demanding branches being data science and artificial intelligence. For the purpose of educating students in various computing domains, CSI has held a number of events and workshops. It started with most basic workshops like logo designing,


game development, ethical hacking, etc. These workshops were useful and at the same time very much different from academics. This created an interest in the students to learn with joy and improve new skills. During the post-covid period, the department of Artificial intelligence and machine learning conducted a

workshop in association with the Computer Society of India on "Shape our future with Artificial intelligence, Machine learning, and Deep learning".The author of Lean Digital thinking, Mr. Srinivas Rao, was invited to the expert lecture who has complete knowledge and guidance on AI & ML. It was conducted on the 23rd of December at our college with all the faculties and students of AI & ML.CSI has made opportunities for the students to be a part of the digital part of India. CSI has been the only platform for the students of digital India.

-Hutapriya L

CSE AI / ML

The Computer Science (Artificial Intelligence and Machine Learning) department conducted a short-term training program on machine learning with hands-on sessions in Python, on the twenty-eighth of February, 2022. The event was held for Computer Science and its allied branches for five days.

Mrs. V. Harika, of the department, also conducted a seminar on Practices of deep learning models, simulation tools, and data visualization techniques in cloud computing, at SRM Institute of Science and Technology from fourteenth February to nineteenth February 2022. Students from the department also participated in a certification course of "Essentials in Python programming"

held by Cisco, on sixteenth February 2022. One student, P.S. Madhuvani, also bagged an internship at N.T.T. Data Business Solutions for four months, as a web developer.

The CSE AI|ML department values the skill acquisitions of their students very highly and maintains this by conducting regular activities to make sure the students keep up with the course work, as well as the advancing technology.

CSE DATA SCIENCE

Data science deals with vast volumes of data using modern tools and techniques to see unseen patterns, drive meaningful information and make business decisions. Data science uses a complex algorithm to predict its models. The lifecycle of data science includes different steps like capturing the data, maintaining the data, processing the data, analyzing the data, and communicating with the data. Data science plays an important role in MNCs and also in other corporate technical and non-technical companies.

IARE made these opportunities for the students to make careers as data scientists or data analysts by introducing the branch of data science under CSE in the year 2021. Data science has become one of the most trending parts of study since 2020. Data science in our institute has given opportunities for the students to learn about big data, data mining, and other new subjects that have been introduced to their curriculum. It also consists of some parts of artificial intelligence and machine learning with advanced technologies. During the academic year of 2021-2022 data science department of IARE has conducted many workshops and events to strengthen the roots of the students regarding their subject.

One of the most interesting seminars was "The Grass Root Innovation and Entrepreneurship", where students learned that innovation comes up with problems. It was conducted by Brig P. Ganesham, President of the Pallesrujana and director of Bharath Dynamic limited. Pallesrujana is one of the Telugu magazines which comes up with the grass root innovators to convey their ideas to the world. The main objective of this seminar was to explain to students about different innovations by different ages of people across our country. Creativity doesn't come with time or age but at times when we want to create new things, with this notion this seminar helped the students to create things with this new branch. This seminar created an urge within the students to innovate ideas and introduce people to a better world. A seminar on data science tools was conducted for the faculty of data science by our institute. It was hosted by MY.Y Shiva Teja, a junior engineer at Extreme compute technologies, Hyderabad. The seminar consisted of different data science tools which were introduced by software companies for the new interns and freshers. An expert lecture on Modelling evaluation of data science models through machine learning approach and life-changing techniques for personal and professional success was conducted by AI technology at our institute. The aim of the seminar was how data science has changed our lives in a personal and professional way.

The importance of data science was also explained by the expertise in the professional training of the students by the faculty of our institute. The modeling and evaluation of data science have helped the faculty to explain briefly the course and give a clear idea of new technologies. The department of the technical association of data science conducted a technical and non-technical fest. It had many hackathons, quizzes, debates, JAM sessions, and also seminars on the given

topic. The event featured singing and dancing acts as well as a few Dramas that highlighted the value of technology. The students of data science participated and received certificates from the technical association.
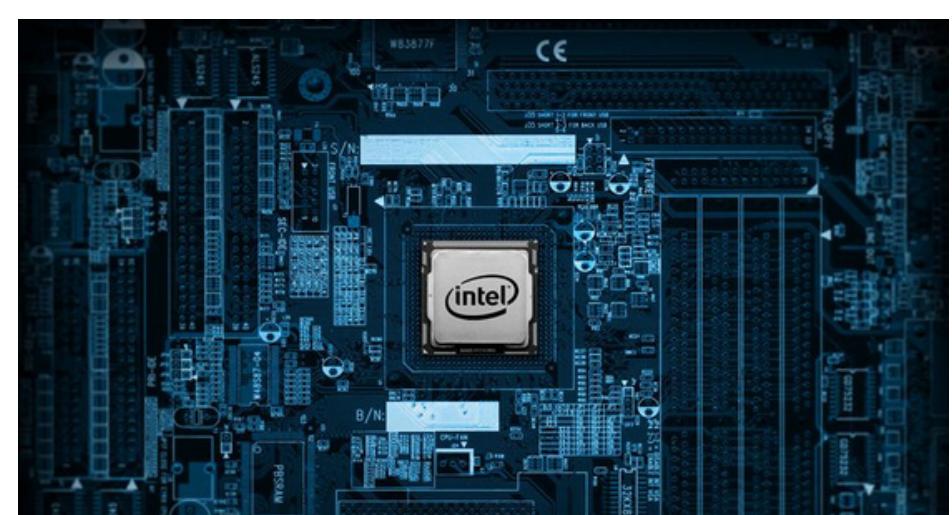
Data science must consider the science of data and issues of data science.

- Hutapriya L

ELECTRONICS & COMMUNICATIONS ENGINEERING

From the defense sector to space applications to the basic needs of human beings which include the internet, electronics, and communication engineering plays a pivotal role.

In IARE, The ECE department has held a number of seminars and workshops to educate students on the many technologies employed in this sector. A seminar on VLSI design by Mr.Gopal Bhargav, a layout engineer at XILINX and 2 days workshop on MATLAB programming was conducted as these hold sheer importance in this industry.

The ECE department also hosted a webinar on social humanoid robots, a week-long workshop on Antenna design using HFSS, and a quiz related to signal to process.

A debate on "Is technology making us less human", paper presentations, and a development program on IOT was also conducted as these practices require a lot more involvement of students and also create awareness of how various technologies affect society and humans on the whole. As electronics and communication is a vast industry, there is a lot to learn and implement in order to contribute to the advancement of science.
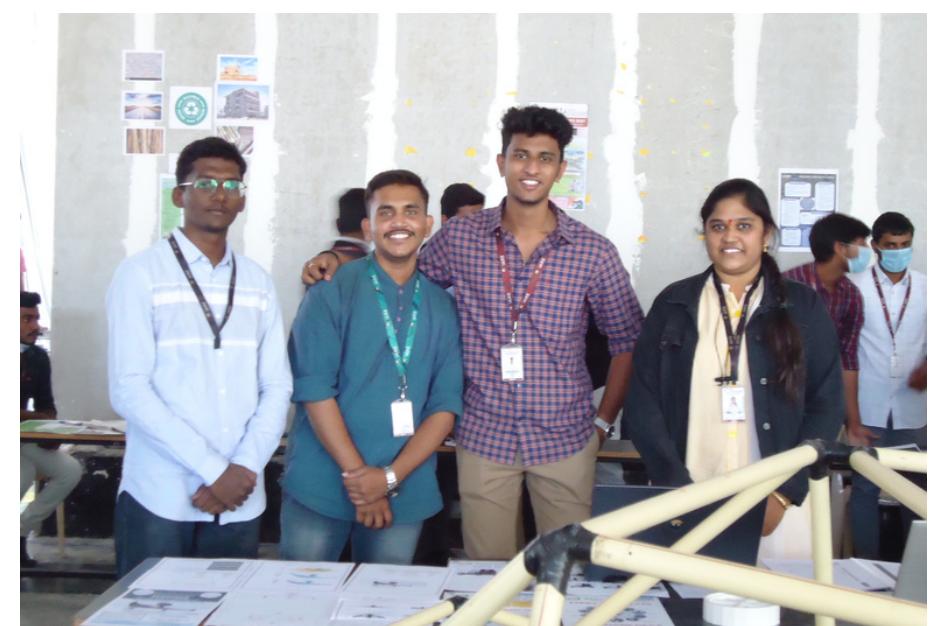
DEPARTMENT OF MECHANICAL ENGINEERING

At IARE, students have the chance to participate in a range of professional activities. The academic year 2021–2022 of the Mechanical Department witnessed many note-worthy events, bringing awareness of the most happening topics in the world. Futuristic Trends in Core Engineering, High-Speed Rail Coaches in Indian Railways, Redemption from Plastic Pollution, Quality Management System, and Anti-Drone Systems Development, were a few of the many expert lectures conducted by the department. Several distinguished speakers from organizations like DRDO, BITS, Indian Railways, and NRTI were also invited, who shared insights from their vast experience and motivated the students to strive harder toward their goals. The Mechanical Department also organized a 7-day ACAD Certification

Workshop to upskill and provide a hands-on training experience for the students. The METE Expo is a project-based event in which the students are encouraged to make working prototypes based on what they learned in the course of PBL (project-based learning). They are encouraged to take any idea out there and make a working model/prototype and work towards further development of the idea. Students from all departments took part in this event. The event took place at the Innovation Centre for a span of 2 days. It was one of the biggest technical events of the year, and students with unique ideas were encouraged to develop the same for their major projects. About 21 teams from the Mechanical Department presented their unique ideas to the METE Expo jury and received positive feedback.

- Ujjwal

LEXICON 2.0

Hackathon is not a new word anymore from schools to colleges, internships to job opportunities, and from innovation to entrepreneurship, it got it all covered. It is dominating and brings out the best in Generations. Hackathons bring out exposure, experience, and a lot of skills in the race to hunt down a problem with unique solutions. It's more than winning in hackathons as every individual gets to learn a lot from peers, mentors, and other competitors. Every single progress that one achieves during problem-solving involves a lot of effort and hard work that helps every individual to evolve in a much better way. One can be sure of improvement by the end of the hackathon. Knowing the benefits to inspire and uplift the students from various colleges IARE has conducted several hackathons this term.

Codechef chapters have been the initial step towards the hackathon where the primary focus was to increase the problem-solving skills, logical reasoning, and coding skills too. Through these, the students benefited by good margins as expected. Codechef has also conducted cook-off challenges which included long challenges and short-term challenges too.

Smart India Hackathon(SIH) 2022 internal hackathon has taken place as part of the selections for the grand and biggest open hackathon in India SIH 2022. Here a large number of teams with mesmerizing ideas and research have come up trying to solve the problems of some esteemed institutes like ISRO, DRDO, and Volvo. Also, a few are on student innovation or government challenges. This helped to finalize the final few teams that have straight away stepped into the National level hackathon of the Government Of India.

Lexicon 2.0, yet another national level hackathon that was conducted by the efforts and vision of the management of IARE helped a lot of students across the state and country to brainstorm and solve real-world problems with the latest technologies in 36 hours. This hackathon was a big success with a huge response and with the enthusiasm from all the participants.

Bagging these successful organizations of the events, IARE has its plans on board to keep more interesting and fascinating hackathons to create a competitive and learning atmosphere among students across the country.

Many other small coding challenges were conducted at the campus during the semester for different internships and job opportunities.

DREAMS OF STEEL, AND MINDS OF RADIANCE

The SAE Effi-cycle is an intercollegiate competition to design an energy-efficient three-wheeled vehicle. It is one of the most prestigious competitions across the world, and we are proud to be writing about our team that achieved the tenth rank all over India. To make it onto the top ten is no small feat, and the way this team runs, you would hardly find it surprising that they pulled this off.

The team is led by Umair Khan, who is often described as an engine himself by his teammates, although he would deny it all out of sheer humility. Umair has participated in a whopping fifteen competitions so far, and he continues to amaze and enthrall each time he steps onto the workspace. "As a child, I was always fascinated by motion. Why do things move in the way they are moving? Why not some other way?" He said when asked about his early interest in the field of mechanical engineering. Being a fourth-year student himself, he had to juggle the duties of being a team leader, as well as his own academic life, and excel he did. Umair has immense respect and gratitude for his team and refers to them as a family.

"Umair was the glue, of the team. He held us together." Said Hemanth, who worked extensively on the steering system of the vehicle, employing what is known as the Rack and Pinion model. Hemanth had only positive things to say regarding the team's chances, as well as performance.

Any team of this size is bound to face conflicts among the various domains, as well as the various engineers working on the vehicle, and this team had a very successful conflict resolution methodology. "Umair solved these in a very mature manner. He made sure everyone's opinions were heard, held board meetings where everyone got a chance to discuss their problems." Sachin, a third-year mechanical engineering student working on the Drive Train said when asked about the team's conflict resolution strategy.

The material head, Sameer is one of the most motivated and excited members of the team, always ready to learn new skills, and be ready to take on the next challenge. He is someone who believes very strongly in the force of the team and knows that as long as the team works as a unit, they will succeed.

To make sure that the team scored as many points as possible, the team decided to use a very interesting method to regenerate power. The energy regeneration system head, Nithin, talked about how they used piezo-electric materials inside the wheels, which generated energy upon pressure being applied. Despite being relatively new to the concept of piezoelectricity, the team embraced the idea and worked on it. Although the energy regeneration system was not mandatory in the competition itself, the team decided to employ it, as the opportunity to learn, may only knock once. When asked about future competitions, Nithin said "All the rights we have done this time, must be met again. And all the wrongs must be rectified." It comes as no surprise that they ranked so high, with an attitude like this. Every team has a wunderkind who awes the rest of the team with their raw skill and ability to learn. And so does this team! Aayush, a second-year student, the youngest on the team, designed the chassis for the vehicle and helped with the other subsystems such as Drive Train and suspension. Despite being apprehensive about the team when he first joined, he too was included very quickly into the family that Umair and vice-captain Abhishek have built. "Abhishek didn't make us feel stressed, but he was a demanding vice-captain!" Sameer remarked when asked about the vice-captain everyone seems to be in awe of. Abhishek is the vice-captain, as well as the design head of the team, and is one of the most demanding and passionate teammates these engineers have seen.

"I managed the team, but in reality, it was Abhishek that led it," Umair said proudly, of his teammate. Abhishek says that he too has been reforged by the flames of this competition, and hopes that many others would be able to enjoy the experience of participating in competitions like this.

"Abhishek brings out the best in you when even you don't know that you had the capacity within you." Designer, Phanindra told The Compendium when asked about the vice-captain.

Abhishek does not believe in limiting one's own potential by restricting oneself to the classroom, and urges students to participate in as many competitions as possible and then work towards bettering themselves both as an engineer and a person.

"While Umair was the cool, and calm leader, Abhishek was the demanding and passionate presence that we all needed," Hemanth said when talking of the various personalities on the team.

With stalwarts like these on the roster of the team, it is no surprise that this team excelled, and their success is more than just the result and is evident in the people these members are today.

The Compendium wished all the members of the team the very best in all their future endeavors, and can not wait to see what marvels they are yet to showcase.

-Akash Meka

STUDENT COUNCIL IARE

The Student Council of IARE, led by president Rahul Sattarapu, and vice-president Tejesh Achari, is exactly what the college needed, to organize and set up a chain of command for the college's clubs.

The student council works as a bridge between the various clubs of the college, and the management of the college, making the task easier for these clubs, by providing them with what they need, to function smoothly. The Student Council was officially introduced to the college on the 24th of September, 2021. This was followed by the event Meraki, which was a culmination of multiple events held by various clubs and their members. These events were massive successes and paved the way for the Council to continue to hold successful events without any hindrance.

Meraki continued into October, where other clubs held competitions and events that were managed by the student council.

In November, at the start of the new academic year, the Student Council collaborates with the clubs to promote membership by informing prospective members of the groups and encourage them for more sign-ups.

Although the student council is still in its infancy, they will undoubtedly improve over time.

-Akash Meka

TAJESH ACHARI , VICE- PRESIDENT OF STUDENT COUNCIL IARE

K. SABHYATHA, CULTURAL HEAD OF STUDENT COUNCIL IARE

K. VAISHNAVI REDDY, SPORTS HEAD OF STUDENT COUNCIL IARE

RAHUL SATTARAPU, PRESIDENT OF STUDENT COUNCIL IARE

G. SUMANTH SREE, LOGISTICS HEAD OF STUDENT COUNCIL IARE

GADE MARY SANNIHITHA, DIGITAL HEAD OF STUDENT COUNCIL IARE

STUDENT CLUBS & ORGANIZATIONS

e-DAM IARE

e-DAM is the fastest growing club in the college and has recently disclosed that Hemanth Naidu had been chosen as the new president of the organization in place of its founder Abhishek Nagaraja.

In an interview with The Compendium, former president, Abhishek Nagaraja said "e-DAM is like my own child."

e-DAM is the technical club of IARE. The club consists of 5 domains that include UI/UX, graphic design, website development, application development, and digital marketing. In addition to the domains, there are communities like blockchain, cloud, AI/ML, IoT, dev-ops, cyber-security, and data science as well. Every domain

Creating Beyond Limits

in the club has conducted many online and offline sessions where members discuss the technology, and current market trends and build their network.

The club helps out tech enthusiasts by providing the necessary resources and helping them with their work or ideas. Every domain assigns tasks to its respective members so that they can refine their specific skill sets.

The club has more than 500 members. And now that the club is an open discord community, members are growing accordingly. And in the discord, there are regular sessions namely "e-DAM Talks" where people talk all about the tech and share their ideas. Around 26 e-DAM members got

ABHISHEK NAGARAJA, FOUNDER OF E-DAM

selected for internships in multiple companies, to be precise 17 paid and 9 unpaid internships. The club has also worked on several projects which include The Compendium's website as well.

WHERE THE PAGES BECOME DOORWAYS

Citadel, IARE's literature club. And it is the first club to be established in the post-COVID era. The brainchild of third-year CSE student, Akash Meka, Citadel is one of the most exclusive and active clubs in the college. With over 30 members, The group has made a point of emphasising how important they think literature is to society.

AKASH ASURA MEKA, FOUNDER & PRESIDENT OF CITADEL

The motto of the club, an upgrade on reality, is something that the members have taken very seriously, and they strive to keep the club space secure, and respectful. The club conducted a quiz on the fifth of October 2021, which consisted of four rounds. Each round had a different point system and answering machines. In the president's own words, It is very clear that the members of Citadel feel very strongly about the club, and it's evident in the way one of the club members spoke of the club. "Citadel is a place where I feel like I belong," a member of the club said to The Compendium.

Citadel is also one of the few student clubs in the college that predate the inception of the Student Council. It has also been announced that Citadel will soon be working on Global poetry month in April. We, at The Compendium, can't wait to see the work Citadel and its members produce.
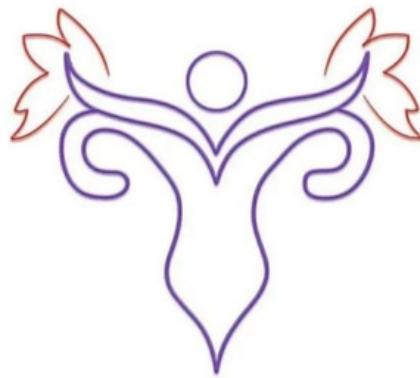
LET THERE BE LAUGHTER!

The standup comedy club, also known as N2O Factory is a group that brings together students from all across the college who want to write standup routines and make people laugh. It consists of fun-loving people who, want to help other people find reasons to laugh and enjoy humor.

The president of the club, Bharadwaz Rohith, has been one of the most active club leaders in the college and continues to make sure that the ideals of the club are upheld by its members.

The N2O factory is always looking for new members and consists of energetic members who know the value of making people laugh.

BHARADWAZ ROHITH, PRESIDENT OF N2O FACTORY

TWO SIDES OF THE SAME COIN

Versailles: For Liberation, is the Women Empowerment club of IARE, started by Teddy Srujana. It is a club that understands the deep-rooted impacts of patriarchy, and the effect it has on not only how men treat women, but also on how men treat each other. President Teddy believes that feminism is not limited to women. And that men also need feminism, as that is the best way to defeat the ideas of toxic masculinity and its harmful effects on men and their psyche.

Versailles, named after the city in France where the first women's rights protest was joined by men, is one of the boldest and most approachable clubs of the college. Teddy and her members are always willing to stand up for what is right and do what is necessary to educate people about things that they may not talk about in their own homes.

TEDDY SRUJNA, FOUNDER & PRESIDENT OF VERSAILLES

WHEN MOTION BECOMES ENCHANTING

When the cosmos itself turns to the bodies of humankind to dictate motion, dance is performed. One of the oldest clubs, Plugs is the dance club of IARE. This club was established back in 2017. Plugs encourage every aspiring dancer and help them out in every possible way. Every dance form is accepted in the club.

This is where the best of the best dancers from the college come together, and form a group that simply cannot be matched in terms of skill and passion.

You must be thinking "how would this club benefit me?". As a dancer you might be looking for every opportunity you can showcase your skills, Plugs arranges dance competitions in the college and also notifies about any other dancing events happening inside/outside the college.

AVINASH, PRESIDENT OF PLUGS-CREW

THE RHAPSODY

The Rhapsody came into existence last year in 2021, it is one of the most active clubs. The club welcomes all kinds of talent. Whether you're a vocalist or an instrumentalist, this club welcomes you as one of its own.

Our reporters in the compendium interviewed The President of the club, Amuktha Kotamsetty, shared her vision, her goals and her ambitions for
the club. She told our reporters that their club is primarily focused on bringing in new talents, who are just beginners, and giving them the experience, and exposure to the world of music. These sessions have yielded some of their best musicians.

AMUKTHA KOTAMSETTY, FOUNDER & PRESIDENT OF THE RHAPSODY

The club has also participated in events like Meraki X Raaga which was held on 6th October 2021, it was also the first performance ever given by the club. They have also performed at T-Hub's anniversary event. During the Alumni meet organized on the 4th of Dec 2021, The Rhapsody got a chance to perform the opening song. On the 6th of January 2022, The club also had Jam sessions from the 19th of March to the 21st of March, and the club held an audition, as the members sat on the judging seats, students showcased their talent, to be a part of The Rhapsody. This audition was evidence of the fact that the students in our college are very talented, and it was a very illuminating experience. We wish The Rhapsody very good luck for all future events.

GAMING CLUB OF IARE

The gaming industry is arguably one of the biggest industries out there even though it is still growing. Elysium, the gaming club of IARE encourages students who are interested in the gaming sector. The club is responsible for hosting gaming tournaments and events for the students and also informs them about any such events happening. Elysium hosted a gaming tournament on the 5th of October which included PUBG which was participated by 60 teams and Valiant as well. Members often discuss the game mechanics and current trends in the gaming industry too.

MORISE ANTHONY, FOUNDER & PRESIDENT OF GAMING CLUB IARE

So what else does the club cover? Elysium also helps out students who are really interested in what actually happens in the industry. This includes notifying you about any technical events or sessions regarding the gaming industry.

The gaming club has a heavy focus on not just providing a community to gamers, but also allowing these people to understand and comprehend what goes into making these games.

PIXELS OF IARE

Pixels is the photography club of IARE. The club encourages aspiring photographers by conducting different photography events and also informs them about any other photography competitions/events happening. Pixels help out the members with their photography work/skills by conducting sessions related to this particular skill set.

Numerous activities that our students are taking

part in both within and outside of the campus aren't emphasized. The club records every one of these activities. Students who were unaware of these occurrences learn about them as a result. Every one of us is exposed as a result of this.

The students participating in those events gain recognition and appreciation for their work. Pixels has conducted events like Diwali Pataka where photographers had to take pictures on Diwali night and college life photography.

N. SAI CHARAN, PRESIDENT OF PIXELS IARE

E-CELL OF IARE

E-Cell was established in order to create awareness and provide exposure regarding entrepreneurship. Entrepreneurship is one of the most important factors in a country's economic development. This club helps out aspiring entrepreneurs by providing them with the necessary resources and also starting startups from IARE. As members of the club are like-minded people, they often share ideas with them and the club also supports them in every possible way by providing guidance from skilled industry experts. These sessions give exposure to the industry to the members.

R. MANISH SAGAR, FOUNDER & PRESIDENT OF E-CELL IARE

Ideathon, where every branch students can share their ideas, was organized by TIIC IARE. The club also conducted a METE project expo, SIH internal hackathon, an awareness program with Mr.Meeraj Palestine Faheem, and online sessions regarding awareness.

In addition to this, E-Cell has a discord server where members gather and perform activities/tasks assigned.

ASMI: SUSTAINABILITY CLUB

स्वस्मै सर्वम् प्रकृत्ये सर्वस्वम्

Started by Vaishnavi Sharma, the club believes in making the world, a safer place for all of us. Considering the current environmental crisis earth has been facing, it is evident that our planet is degrading with time and many environmentalists and scientists are assuming that our planet might die soon, and most of us have no awareness of this. The Sustainability Club is working towards bringing a change in our college and spreading awareness about the various risks faced by humankind due to the
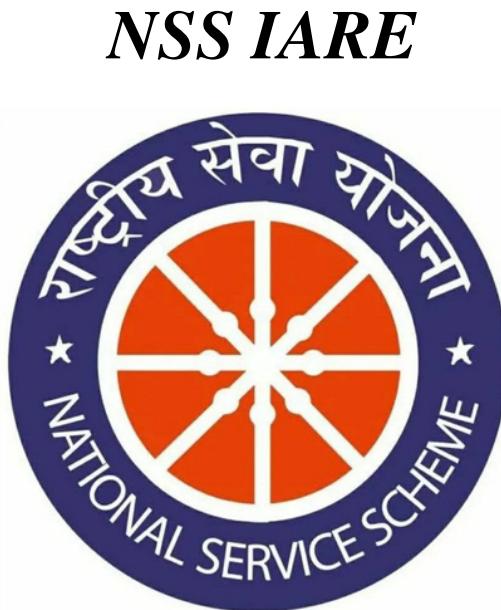
VAISHNAVI SHARMA, FOUNDER & PRESIDENT OF ASMI

degradation of the environment and what we can do, together, to protect our planet, and how we can create a sustainable planet for our children and grandchildren.

The Compendium was able to learn through an interview with the ASMI president that Vaishnavi Sharma and the team saw ASMI as more than just a way to raise awareness among College students. They have a deep commitment to the basic values of their organization and are quite knowledgeable about the issues that climate change will cause.

- Sachin Pisipati

NSS IARE
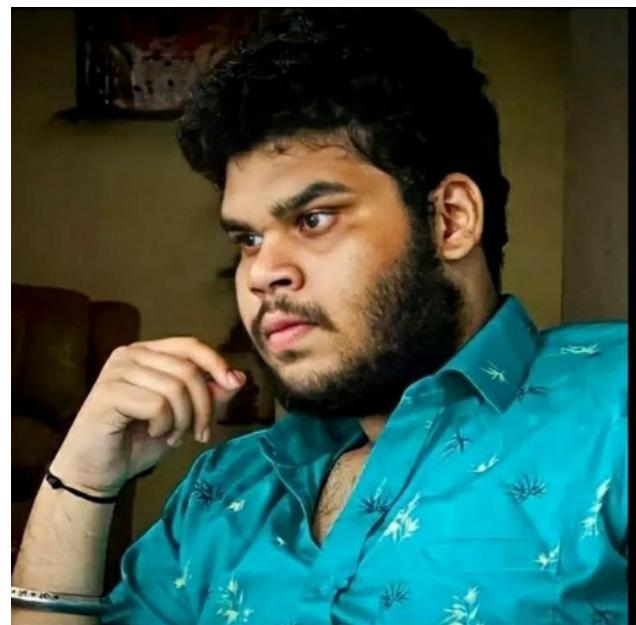
The National Service Scheme (NSS) is a central sector scheme that is conducted by the Ministry of Youth Affairs and Sports of the Government of India. NSS was introduced back in 1969 by the government in order to develop the personality and character of the students in colleges. In short, it is a voluntary association of students in colleges or universities all over India.

NSS in IARE has always been in front of the line to help the community in every possible way for the benefit of the community and society. They provide hands-on approaches so that students realize the importance and need for community services.

NSS IARE has conducted many events such as plantation drive, eco-friendly Ganesha distribution, science fair, blood donation camp, and sports tournament. The club has been and will be doing activities beneficial to the community.

SUMANTH SREE, PRESIDENT OF NSS IARE

SPORTS CLUB, IARE

At our college, IARE, there are many clubs but the sports club is one of the most active clubs present right now. It has active teams for football, kabaddi, basketball, kho-kho, table tennis, volleyball, and cricket teams, which practice on a regular basis. Our teams have actively participated in every inter-college event but due to pandemic, none of the colleges were able to organize any sports event in the last two years until this March when Malla Reddy university decided to hold the first-ever inter university sports fest. For the students of the IARE, our management has decided to organize various competitions which will take place from the 20th of May and will continue for a total period of 5 days.

STREET CAUSE

Street cause with the vision "A life without a Cause is a life without an Effect" had been bringing students of different ambitions and aspirations to run one of the largest student-run NGOs in the state. As the founder of the current NGO, Akhilesh Jukareddy's objective of serving humanity has been realized through the organization.

The NGO has been established to create a platform for students who are intent on doing their bit towards the betterment of society. The main aim of this organization is to implement large-scale developmental projects like schools, orphanages, and old age homes, furnishing them with the requisite infrastructure, provision of water filters and water tanks, construction or renovation of washrooms, catering to the special needs of the differently-abled and installation of solar street lights in the remote tribal villages of Telangana.

Street Cause (IARE) is led by Nitin Baradhwaj D R, with his excellent team of people to work toward society.

Street Cause (IARE) has a very strong vision for humanity and also towards the development of different human resources. Different drives and events were conducted by our college to bring the joy of smiles to the people's faces. One such drive was the "blanket donation drive". Street cause IARE organized a blanket donation drive, by which their team collected all the blankets donated by the students of our college which were old, unwanted but not torn in addition to that, also a few new blankets, this drive was so much important to the people living across the streets, orphanages, and also in old age homes. "Wrapping a blanket around a shivering soul makes winter easier to breathe" with this slogan Street Cause IARE's vision was for helpless fortunate communities to fight back against harsh winters. "Feed the world" with this vision of Street cause IARE has conducted a food donation drive across Hyderabad. It was conducted for 7 days, starting from the 28th of May to the 6th of June. They donated food packets in some parts of Sangareddy, to all those who were in hunger.

One of the best missions of street cause IARE was to set up water plants. The main objective of this mission was to provide rural areas with purified water that needed water plants in different places. A water treatment plant - purifier and supplier was set up in a village called Kachikal, Warangal district, Telangana. Not only in Kachikal but it also helped 4 other villages to get purified water. It was a great collaboration of 12 SC divisions that contributed their part in terms of money and participation.

SRINATH REDDY, PRESIDENT OF STREET CAUSE IARE

ALUMNI MEET-2021
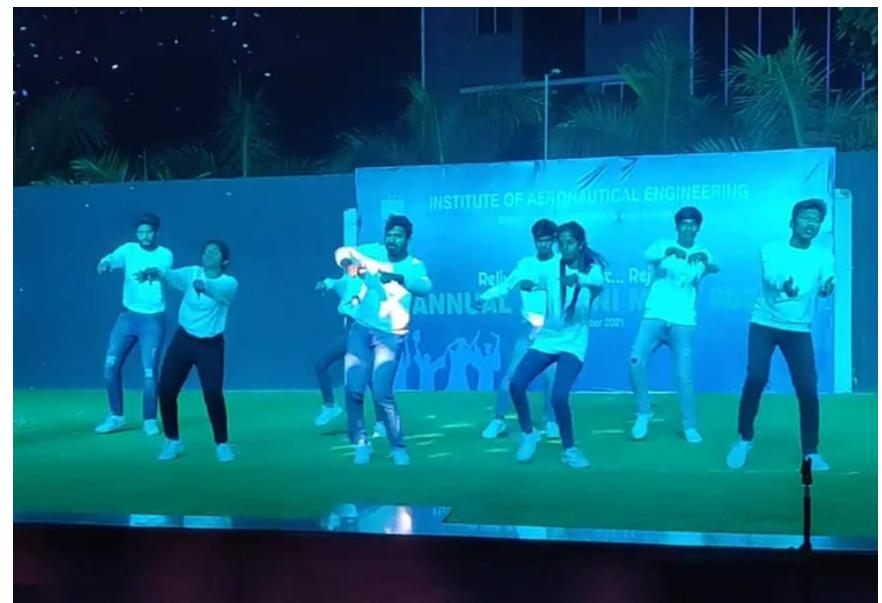
(Relive….Reconnect…Rejoice)

The alumni meet aims to foster a sense of community among alumni. On December 4th, 2021, after a long break due to the pandemic, the Institute of Aeronautical Engineering hosted its first alumni meet event since 2019 under the supervision of the principal and staff of IARE. The alumni were joined by the chairman of IARE, Sri M Rajashekhar Reddy Garu, Sri Satya Reddy Garu, and Sri Rajeswar Rao Garu as the chief guests. The gathering was held in the open-air theater which commenced at 6 pm in the evening.

Neha Rawat and Hriskhikesh Varanasi hosted the event. Our chief guest lit the lamp as a prayer to Saraswati and the liturgy continued with the other activities. The event featured numerous acts and a lovely address honoring the graduates.

(THE MEET)

(PLUGS CREW PERFORMANCE)

 The event was blessed with many beautiful performances. One of the best Telugu playback singers Sri Krishna and Malavika Pantularocked rocked the stage with their astounding performances. The plugs, dance crew of IARE performed a freestyle dance as a tribute to their college life and memories. There was a showcase of various other talents like drama, stand-up comedy, and also scat singing. DR KANCHANA VIJAYANDRA, a technological specialist addressed the gathering by sharing about different technologies and also about how they stand in the future. The college was decorated with gleaming lights of different colors. Props to the students and staff of IARE for making this event a memorable one. As it was the first event after the pandemic, everyone was looking forward to it.

Alumni meet gathered the different batches with a number of students and working professionals. It provided an opportunity for everyone to meet each other after a long period of time. Alumni got the chance to meet faculty and shared their experiences as working professionals with their juniors. This event sparked new friendships and acquaintances but this time as a working professional.

Young students got the chance to meet alumni of their respective department. This allows them to meet others who share institutional connections and start their academic careers with new social relationships. IARE has produced engineers working for government organizations besides producing efficient software engineers, hardware engineers, entrepreneurs, artists, writers, and managers who have a wealth of knowledge and experience. The Alumni Meet brings all these outstanding people together on a single platform. The institute intends to stay in touch with its alumni continuously, to help them in their various endeavors, and to enable them to connect to and stay in touch with their colleagues

-Adarsh pandey

THE RISING ROOKIES

"A hundred new faces, but a million dreams", is what this occasion may best be described as. Fresher's day, a day in the life of a rookie where they are welcomed with open arms by the veteran, it's a day when they made a bond that is meant to be forever.

Every student eagerly awaits right from their time of admission for the most remarkable event of the college "FRESHER'S PARTY". 18th Dec 2021 was the day when seniors and juniors finally bonded and unite to celebrate being part of the college without worrying about ragging. It's the day when we meet with the people with whom we decided to spend 4 yrs of our life and those from whom we want to stay away a million miles.

freshman year is a lot of fun, and it's also a great time to get to know your seniors. you have more opportunities to bond with your peers outside of class and learn more about them. In the first few weeks of college, freshmen are a great way to relax and blow off steam. It is a means of getting out and making new friends. It's a way to push yourself past your comfort zone.

It was a great experience, as each rookie had the opportunity to showcase their talent among other things and separate from the crowd.

CSE guys were quick to book their spot at the open-air theater; a wonderful place to address a large gathering and named their freshers "INITIUM". ECE dept had fixed their spot at the old volleyball court. CSIT and the IT departments were quick to join their hands to organize the event together, they choose the cricket ground as their place for the event.

Aero, Mechanical, and Civil all organized their event on the cricket ground as well. CSE (Cybersecurity) organized their event on the volleyball court, EEE organized on the badminton court and CSE (Data Science) organized their event on the football court

(PERFORMANCE BY IT STUDENTS)

(RAMPWALK WITH CHAIRMAN SIR)
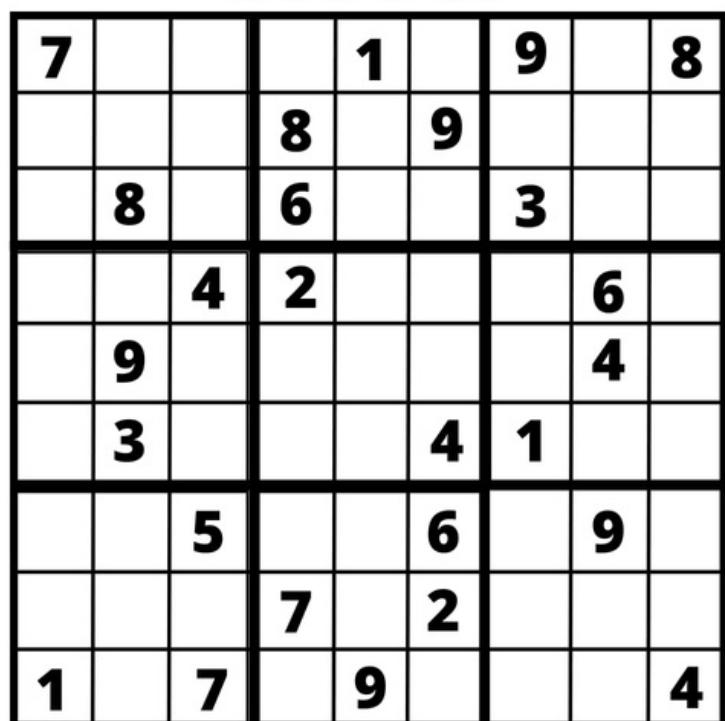
The decoration done was fabulous, it was absolutely breathtaking. The way our seniors controlled the flow of the whole event was something different. Our beloved Chairman Mari Laxshman Reddy came to the event as chief guest. He made sure that he gave time for every event of each branch, which was amazing in its own way.

The events kicked off with kindling the lamp, followed by a classical dance performance. Between the acts, our host tried their best to keep the audience interested. There were some mind-blowing performances by our seniors, the beatboxing was top-notch, the dance performances were beautiful, the ramp walk was worth it, the food was delicious, and the games planned by them were just brilliant.
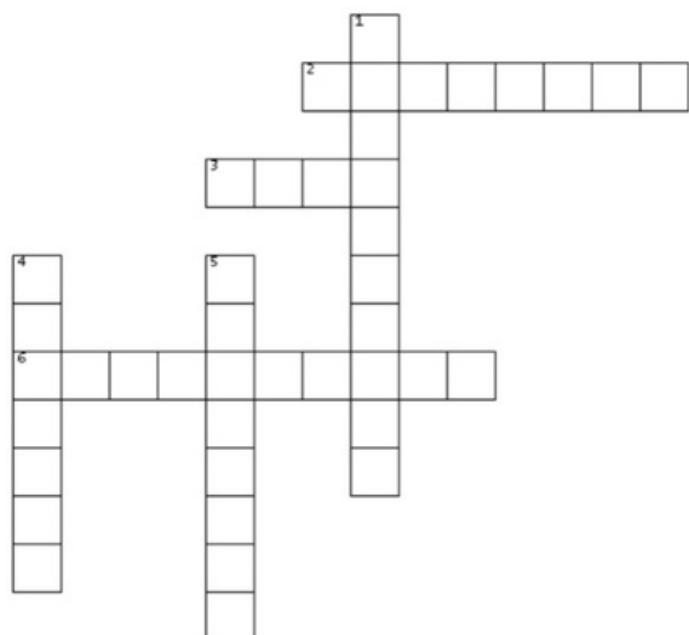
Such an amazing event could not be even successful without the efforts made by our seniors. The event ended with Dance, DJ music, and EDM where all the students dance to the beats removing all the stress and enjoying pure bliss moments.

- Nishkarsh sharma

ARCADE

SUDOKU

7				1		9		8
			8		9			
	8		6			3		
		4	2				6	
	9						4	
	3				4	1		
		5			6			9
			7		2			
1		7		9				4

IARE PUZZLE

ACROSS

2. You check here to know your results
3. Our college
6. Block where the reception is

DOWN
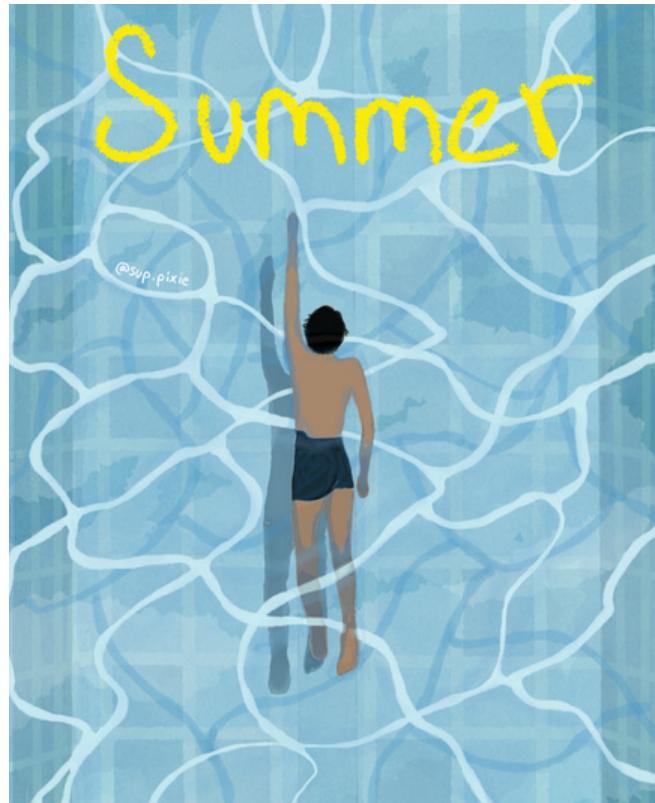
1. there's a car engine on display
4. you get fast wifi here
5. Our Annual Day

MAZE

#92-4   by Andrew Bernhardt   10/15/92
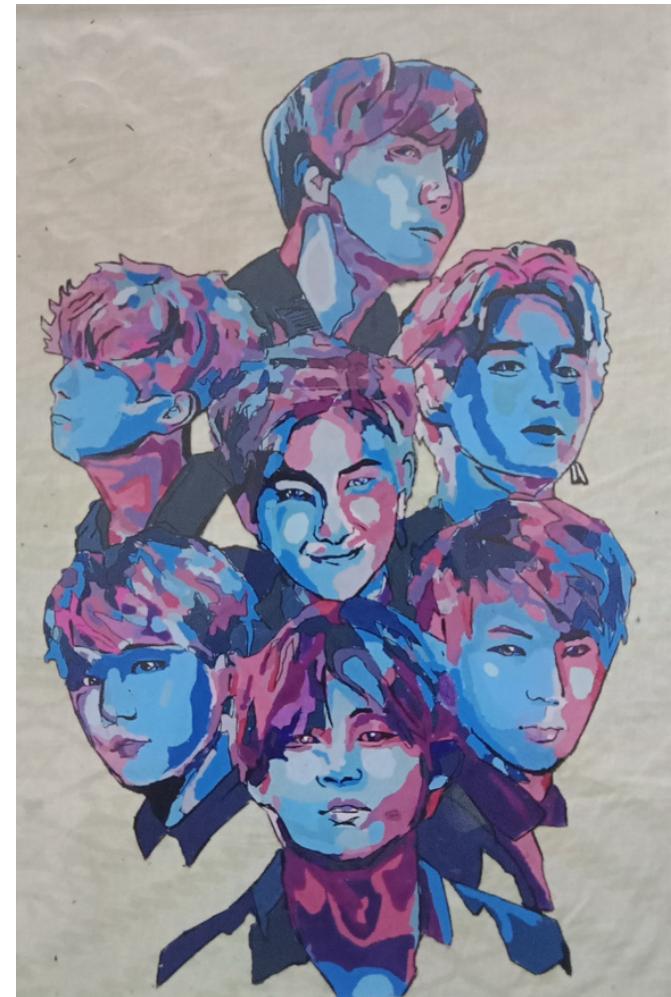
# FINE ARTS CLUB, IARE

BY ANUSHA KONDAM
2ND YEAR, CSE
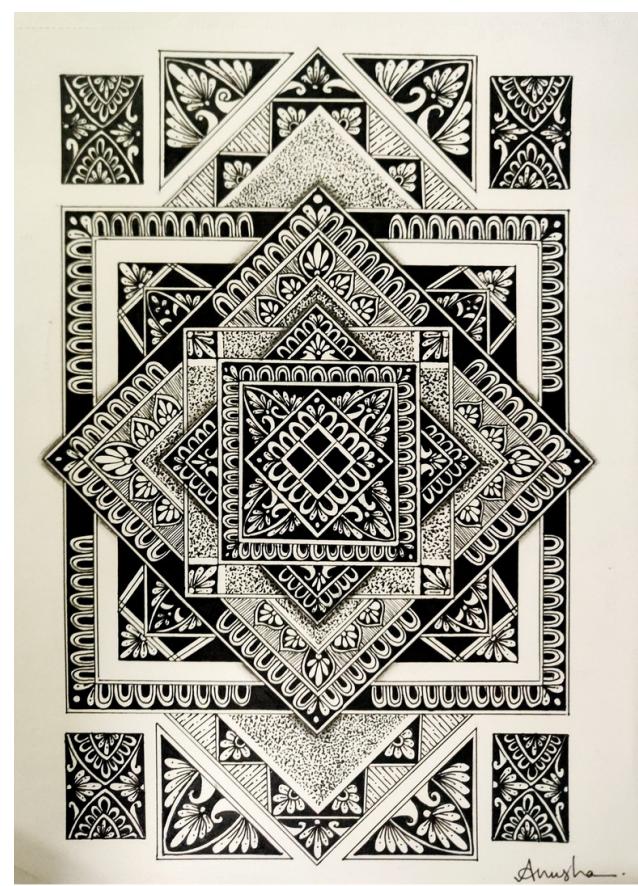
BY MAMTHA PATALAY
2ND YEAR, IT

BY VARSHA
1ST YEAR, CSE

BY LAHARI PRIYA
ECE-B

BY ANUSHA KONDAM
2ND YEAR, CSE

BY SRIHITHA
2ND YEAR, IT

LETTER FROM THE COMPENDIUM

WE ARE BACK!!!

"What will the Compendium newspaper's relaunch look like?". Yes, the Compendium newspaper is back and we greatly value your patience.

Due to the pandemic, our club could not function as it once did, and we had to make adjustments as per the requirements. So you might be thinking, What's new? Now that we have the Compendium website, we will be posting the articles and upcoming editions of the newspaper on the website. We will have a new edition every semester where we will cover every event that occurred in that semester.

From all the clubs of IARE and events they hosted to all the departments in the college, we made sure to include as much as we could, in this edition. The newspaper also includes many interesting pieces of work from some of you, like your art and poetry.

We heartily appreciate the support throughout this rebuilding phase.

We hope you enjoy this edition of The Compendium!