



JAN-MAY
Edition
2022

GEM

GRIET e Magazine

LETTER FROM THE EDITORIAL TEAM PRESIDENT CLASS OF 2022

Another academic year closes as of May 2022 with the end of the exam season. This edition of the GRIET e-Magazine focuses on the events that took place in the college. The February-May 2022 edition consists of all the celebrations and academic seminars held in person at the college. After two years of uncertainty caused due to the still lingering Pandemic, people finally got to interact in person without a gnawing worry. After being thrown into disarray, the world, and with it, the people of our college are creating a new normal again.

Reinventing oneself might be one of the most crucial survival skills to have. It enables one to thrive anywhere and everywhere. Reinventions have allowed this magazine to continue publishing, and I hope it continues to be this way. My time with the magazine has officially come to an end as I am set to graduate this July. While I am to end this chapter of my life, I am hopeful and confident that the team will continue publishing and improving.

I would like to take the opportunity to write my last editorial letter to thank the team for their perseverance and determination to continue contributing to the magazine despite all the obstacles and the unending and gruelling exam schedules. On behalf of the senior team, I wish the new team the best!



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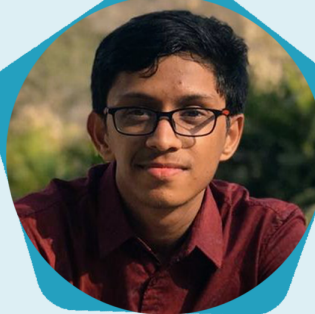
2022-23

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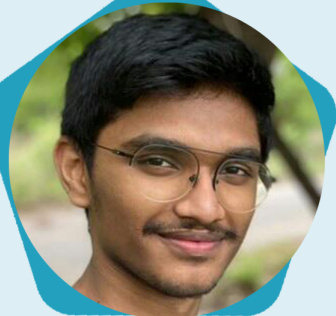
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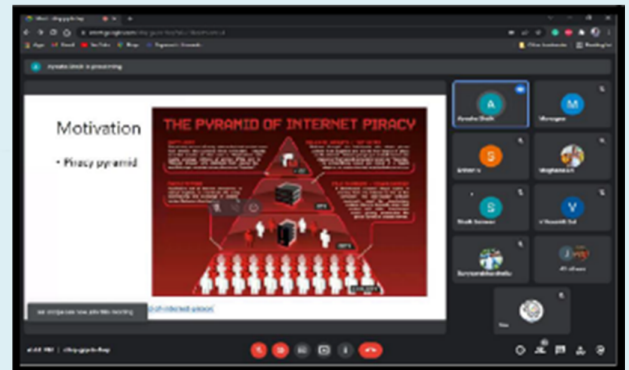
DIGITAL IMAGE SECURITY



IEEE GRIET SB conducted a webinar on "Digital Image Security by Watermarking" under Geoscience and Remote Sensing Society on 10th March 2022 from 6:30 PM to 8:30 PM via Google meet.

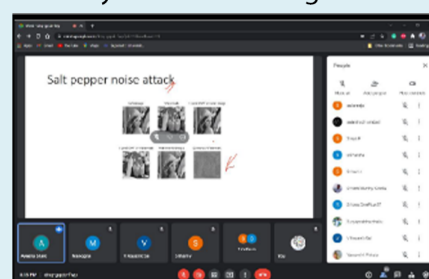
Information can be duplicated easily nowadays due to the digital communication of multimedia data. Providing authorized data and protecting private information from unauthorized use is a highly difficult and complex process. Using the watermarking technique, only the authorized user can use the data.

Digital Watermarking is the use of a marker covertly embedded in digital media such as audio, video or image which enables one to know the source or owner of the copyright. This technique is used for tracing copyright infringement on social media and knowing the genuineness of the notes in the banking system. Watermarking is a very secure technique. The speaker for the webinar is Dr. Ayesha Shaikh, Researcher, Assistant Professor (Senior Grade) in the School of Computer Science and Engineering at Vellore Institute of Technology (VIT) – Chennai campus. Dr. Ayesha began the online session by discussing how the images could be pirated followed by the different ways information can be pirated like illegal duplication, data tampering etc and the various ways to protect the data.



Using a PowerPoint Presentation, she illustrated the different ways a digital image can be protected so that only the authorized user has access to it. The speaker then discussed image security and the need for it. She spoke about the many ways in which it could be protected like cryptography, steganography etc.

She also spoke about the two ways of watermarking namely visible watermarking and invisible watermarking. She also discussed the algorithms for both visible and invisible watermarking in MATLAB followed by the extraction of watermarks. She also added that attacks could be done on watermarked images too and that could be either inadvertent or intentional. The webinar concluded with a Q&A session where students cleared their doubts they had on image security, attacks on watermarking and the need for watermarking. The session was engaging and very interactive. Students were very enthusiastic to participate and learn about how digital security on the image is done by watermarking.



Inauguration of new chapters



IEEE believes in advancing technology for Humanity. The IEEE GRIET SB has been propagating this for a long time and this time they have introduced three new chapters to achieve this. CAS, ISE, and CIS – namely the three new chapters introduced along with the existing five chapters of IEEE GRIET SB making it a total of 8 chapters. The inauguration of these new chapters was done on 8th April 2022 ECE Seminar Hall GRIET.

We had many guests to grace the occasion and share their experiences and the guests were Sreenivas Jasti (IEEE Chair), Dr.JVR Ravindra (Vice-Chair of IES chapter), Dr A.Kavitha (Chair of CIS Chapter), Sai Prasanth (Member of SAC IEEE), Pranay Kashyap (IEEE IES Member), Dr.T.Hima Bindu (IEEE IES Member) belonging to IEEE Hyderabad section respectively and Ranjith Pohanekar (HOD, Services and Sales, HPS). The event started at 10:00 A.M with a prayer song from Deepika Balla followed by lighting the lamp by Dr. Hima Bindu and a classical Dance Performance By Harshitha. Later the guests were invited onto the dais and each of them was presented with a plant to mark the importance of nature.



Dr.J.Praveen, the Principal of GRIET addressed the gathering and gave insightful information about IEEE GRIET SB. Later Dr. Srinivas Jasti spoke about the opportunities offered by IEEE and the path that one must follow to achieve success. Mr. Ranjith Pohenkar spoke about his college days and his beginnings towards success and his speech has braced everyone with new energy. Dr. JVR Ravindra, the Principal of Vardhaman College of Engineering gave great insight into the skills that can be developed by IEEE and also about the opportunities it opens up for students, his speech also made many realize the importance of IEEE in modern-day life. Dr.A. Kavitha, the chair of the CIS chapter IEEE Hyderabad Section, spoke about the implications and benefits of CIS on IEEE. Her speech made everyone realize how big CIS is important in IEEE. She showed how each chapter is different and vital for both IEEE and the society. Mr. Sai Prasanth took a different approach with an interactive session and made the audience think about IEEE in a whole different way. All the guests launched the logos of CAS, IES, and CIS. It was an enthusiastic moment for the whole IEEE core committee. The chairs of each chapter addressed the crowd about the objectives for the coming academic year. The director of GRIET, Dr. Jandhyala N Murthy thanked everyone who could attend the inauguration and spoke a few words about student life. His speech was short and clear, but it had reached and made an impact on everyone present in the auditorium. The guests were presented with a token of appreciation by the Principal and Director of GRIET. All the chairs of the new chapters requested the guests to give their autographs on the logos. Dr. B. Phaneendra Babu (COUNSELOR OF IEEE GRIET SB) was asked to give a warm vote of thanks which was followed by the national anthem.



BLOCKCHAIN

Blockchain is one of the most talked-about technologies at present. It has the potential to drive major changes and create new opportunities across industries. Blockchain is a technology that facilitates the digital exchange of units of value. Anything from currencies to land titles to votes can be tokenized, stored, and exchanged on a blockchain network.

To give the students insight into this Blockchain technology, AAC conducted a Workshop on BlockChain Technology collaborating with TCS. It was an online training program which was conducted from 5th April 2022 to 11th April 2022. A total of 5 sessions were taken to share the knowledge to students about the emerging technology and to teach them the basics of BlockChain its applications. Ms. Ankita Bhagoliwal is working as an IT Analyst & Certified Scrum Master at Tata Consultancy Services. Her passion to learn the latest technologies and expertise on the same has made her a Certified Blockchain Expert and Certified Lean Six Sigma Yellow, Green and Black Belt.

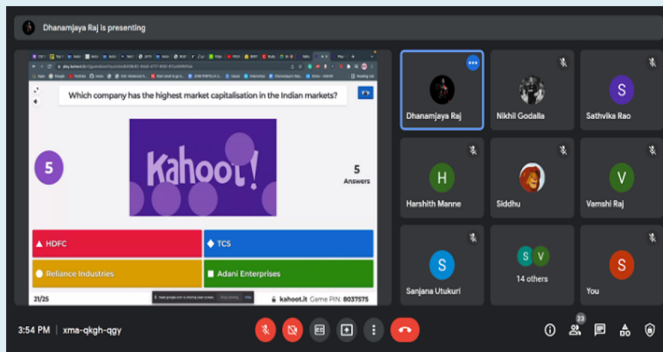
SESSION-1: In the first session blockchain technology was introduced to the students. She started by informing everyone about the history of blockchain in brief and explained about coining of the term 'Blockchain'. Later she explained about its decentralized system, and how the involvement of a third party during transactions could be avoided.

SESSION-2: In this session, she talked about the features of the blockchain which include hash cryptography, immutable ledger, mining etc. and explained its types i.e., public, private and consortium. Further, she explained Bitcoins and their Mining process.

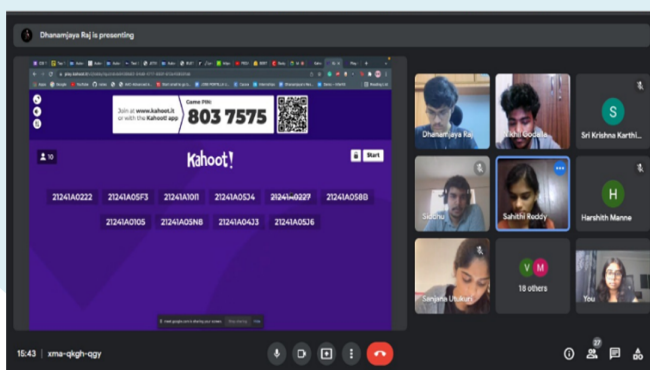
SESSION-4: In this session, she introduced the Ethereum cryptocurrency and gave a brief about its history. She also talked about smart contracts and explained the applications of BlockChain in virtual contracts and virtual machines. She focused on web 1.0, 2.0 and 3.0 as well.

SESSION-5: In the last session she spoke about Hyper-ledgers and their architecture along with covering the basic syntaxes of Solidity programming language. In the end, she also provided some website links where we could learn further about blockchain technology. Later on, she interacted with the students during the Q&A session. The Blockchain workshop helped the students to gain knowledge about this booming technology. It briefed them about what this technology is about and gave a pathway to be able to dive deeper into it.

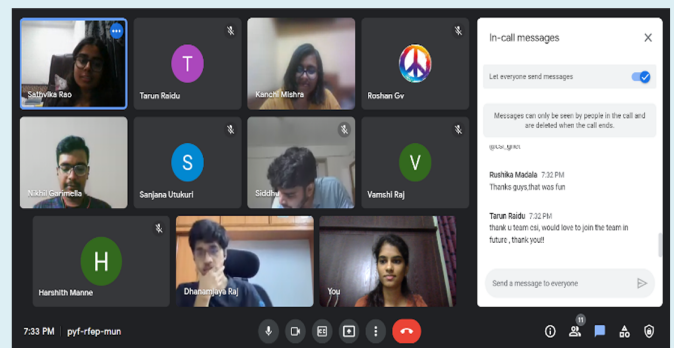
TRIATHLON



Computer Society of India conducted Triathlon on the 12th of February 2022. Triathlon is a 3 round competition that allows participants to engage in fun-filled activities that nurture team spirit and communication skills. The competition was held online using Google Meet with about 70 participating for the event. The competition kick started with the rules being laid out which included that the best candidates from each round would progress to the next round. Round 1, titled "Start/Stop", comprised of a Kahoot quiz. Contestants were asked to select from a choice of answers with questions ranging from various topics. After a series of questions, the best performing contestants graduated to round 2.



Round 2 or Treasure Hunt required the contestants to form groups. Each group was given a set of fun riddles that needed to be solved. Once solved, the team members would have to show the "treasure" by fetching it from their house within a stipulated time limit. The winning team qualified for Round 3.



Round 3 was titled "Throw your Shot". Round 3 involved every contestant getting a list of companies, for which the contestant would have to voice their opinion on the company's ideas. The contestants brought out a lot of interesting ideas that could be implemented from a specific company's point of view. The top 5 contestants were awarded with merit certificates.

Overall, Triathlon was a brainstorming, innovative, fun and interactive event that allowed contestants to share their point of view, get in touch with the latest technological news and many more.

She the Moment

Celebrating Women for all they are, International Women's Day was celebrated on 8th March 2022 at our college. The lively event was organized by Gokaraju Rangaraju Educational society. It was volunteered by Women Development Cell in association with WIE and NSS. In line with the theme of International Women's Day, the concept behind the program was "Gender equality for a better tomorrow."



For the International Women's Day Celebrations, we were graced with the presence of Guest speakers Dr. G. Jalaja Veronica and Dr. SubbaRao M Gavaravarapu. The dignitaries for the event included the Chief Administrator- Sri M.G. Sekharam, the principal of GRIET- Dr. J. Praveen, Principal of GRCP-Dr. Giriraj Kulkarni, Coordinator of WDC and Chairperson ASHC- Dr. G. Mamatha.

The event had an auspicious start and began with the seeking of divine blessings. The event raised a lot of enthusiasm and fanfare while appreciating the various Economic, Social, cultural, and political achievements made by women over the years. Citing the importance of celebrating Women's Day, Dr. G. Mamatha addressed the gathering.



Her sentiment on women being an epitome of selflessness, love, beauty, and sacrifice was shared by many. This was followed by Dr. Giriraj Kulkarni appreciating the Indian culture by stating that the Indian culture teaches us to respect women in the form of Goddesses. He familiarised us with the power of women from the olden days to the present. The event continued as Dr. J Praveen described the various qualities possessed by women. He highlighted their efficiency, leadership skills, and multitasking ability. He emphasized that women symbolize wealth, wisdom, courage, purity, and love. Dr. Jandhyala N Murthy, Director of G.R.I.E.T discussed the significance of women in various roles and shared his vision of a world where women could go out in the dark without fear.

The Guest speaker, Dr. G. Jalaja Veronica addressed the issues women are still confronting today and encouraged us to support women in need of help. She enlightened us about the significance of the colors chosen for the occasion "Purple represents dignity, green represents hope, and white represents unity."

INTERNATIONAL WOMEN'S DAY CELEBRATION

In the spirit of womanhood and hoping to create a world free of bias, stereotypes, and discrimination, IEEE GRIET SB WIE AG in collaboration with the Women Development Cell (WDC) of GRIET organized an event to celebrate International Women's Day with the theme: "BREAK THE BIAS".

The event commenced with a prayer song following which, Dr. G Mamatha, Coordinator of WDC and Chairperson of Anti Sexual Harassment Cell GRIET, welcomed everyone and spoke about the immense strength that women hold and their influence in driving the world towards progress.



The principal of GRCP Dr. Giriraj Kulkarni discussed the power of a women's voice in society. Sharing his views on how women can make thoughtful choices to bring potential changes in society, he suggested all women move ahead in life by maintaining a positive spirit.

The principal of GRIET Dr. J Praveen addressed the subject of gender parity in various organizations and proudly stated that GRIET is an institute with an equal number of male and female staff. Referring to various Hindu Mythological characters, he explained the various qualities possessed by women and expressed his gratitude towards them.

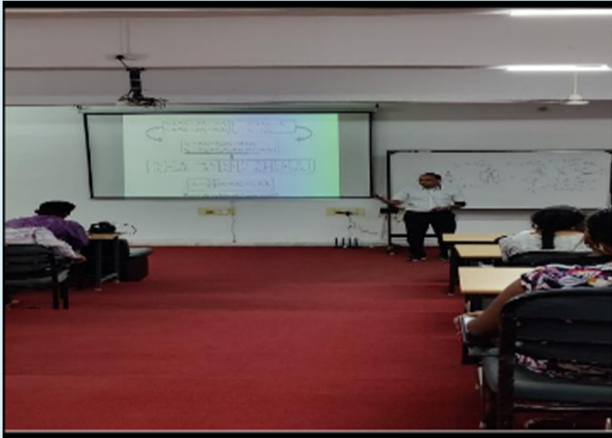
Mr. MG Sekharam, the CEO OF GRES gave a brief overview of the challenging situations a woman faces in today's society. He expressed his concern for the need for women empowerment and gender equality and emphasized the importance of educating a girl child. Dr. Jandhyala Narayana Murthy, the director of GRIET showered his respect for women. He described the diverse roles women play and their importance in shaping a better world detailing their strong influence and ultimately saying that women are the essence of the world. The guest of honour Dr. G. Jalaja Veronica, the Addl. Medical Superintendent & HOD, OBG Dept. District Hospital, Kingkoti was then invited on stage to speak a few words. She expressed the need for smart, knowledgeable, and skilful individuals in society, sharing her views on how an educated woman can influence society. She explained how education, knowledge, wisdom, and awareness shape and change a person's life. She further explained how a woman can overcome difficulties and hardships with a positive attitude and good deeds. She concluded her speech by sharing her experiences as a frontline worker in a COVID ward stating how her service was beyond the gender norms and any other biases present in the society.



The event advanced with the presentation of AICTE awards to all the winners and concluded with a vote of thanks by the NBA coordinator GRIET, Dean Internships, and IEEE WIE chapter branch counsellor Dr. J Sridevi.

TECHNICAL TALK ON SENSORLESS CONTROL OF ELECTRICAL DRIVES

-IEEE – IAS SB Chapter



An explanation on Inductance in stationary alpha beta reference frame, Coordinate transformations in power non invariant and mechanical modeling, The speed control characteristics at different frequency, How torque and power will vary and Efficiency map of Toyota Prius motor were stated.

A brief elucidation about control strategies for PMSM and vector control of IPMSM in rotor reference frame, speed control design, and estimation technique were established. After a session of answering questions posed by the students, the event culminated with a vote of thanks given by IEEE IAS SB Vyshanavi.

IEEE GRIET SB administered a Technical Talk on 'Sensorless Control of Electrical Drives' on 29 March 2022. The event was graced by Dr Gopinath G R, Assistant Professor in the Electrical and Electronic Engineering Department at Mahindra.

IEEE IAS SB Chair – Ms Saniya gave a rundown on present technology used in EVs, followed by Dr B. Phaneendra Babu, Professor, Head, Dept. of EEE courteously addressed the event. Then our honourable Chief Guest Dr. Gopinath G R exquisitely introduced modelling, control and sensor less techniques, and extended Kalman Filter Observer.

Furthermore, he explained about the characteristics and different types of permanent magnet synchronous motor and their purposes of internal and external mounted PMSM along with the factors affecting their efficiency. A detailed description of the factors and constants in modelling PMSM of stator and rotor was given.



CIS

Industrial Visit to Infosys, Hyderabad

An industrial visit to Infosys marked the dawn of events organised by Computational intelligence society (CIS), Student Chapter - GRIET.

Computational intelligence society (CIS), Student Chapter organised an Industrial Visit to Infosys, Gachibowli, Hyderabad on 29 April 2022. A total of 110 ardent participants started off on an event that aimed to impart – an experience of the professional environment of the software industry, enlightenment about the work culture of the IT industry, infrastructure and campus facilities provided by the company.



The visit consisted of a session on Software Development Life Cycle (SDLC) Process, conducted by the HR team. The introduction was given by Mr Surendra, he shared information regarding Infosys Ltd. and its recruitment process. He also shed light on current IT trends and skills required to get hired by companies.

Further Mr. Ravi Sharma, Project Manager, gave insightful details on Software Development Life Cycle concepts including Waterfall, Agile Methods, Product Delivery Scheduling, Cloud and Microsoft Applications.

How any problem can be solved using Hybrid Agile Implementation containing several steps such as Sprint, Waterfall, Discovery Workshop and so much more were discussed. Later one of our students went on to describe his project and its execution in detail in terms of Hybrid Agile Implementation.



The students were also guided about the copious career opportunities in the IT industry and numerous IT-related roles they can explore. Success stories were shared to inspire the students. After the posed queries were answered, a tour around the Infosys campus was given to acquaint the students with the workstations and facilities.

The talk on professional certifications to enhance career opportunities was held on the 22nd of February 2022 in an offline mode.

The talk was given by Dr. Srinivasa Bapiraju Gadiraju, Professor of Computer Science and Engineering. He had earned Masters of Engineering in Computer Science and Engineering from GITAM University, M.Sc and Ph.D. in Nuclear Physics from Andhra University and has over twenty-five years of academic, industrial and research experience.

The event commenced by addressing the speaker, Mr. Vijay Rama Raju. He took an interactive session at the start where students actively participated. He talked about the career opportunities present for the students who have the required skills and knowledge. Then he further told about how one could build up these skills.

He suggested joining GRIET SDC (Skill Development Centre) which helps us to do the certification courses of Cisco, Amazon and Bluprism, etc.

He talked about the various opportunities that surround it and the ones based upon CISCO and AWS courses.



PICTOPRENEUR

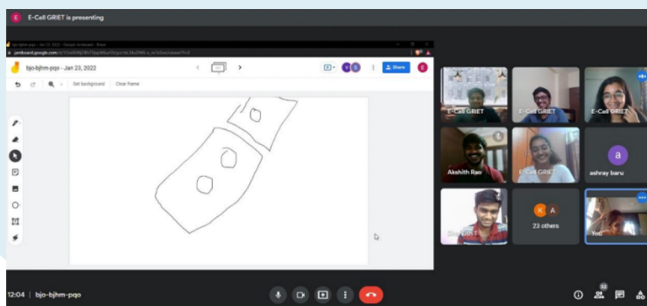
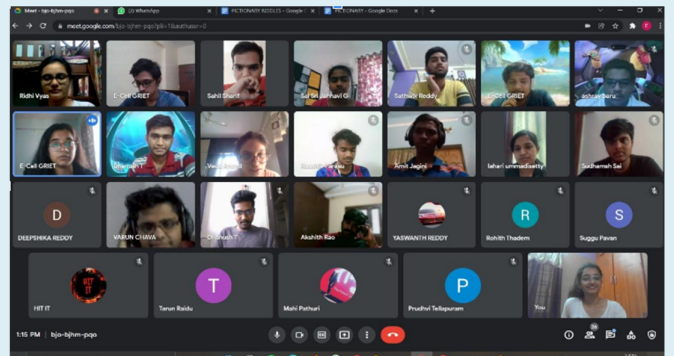
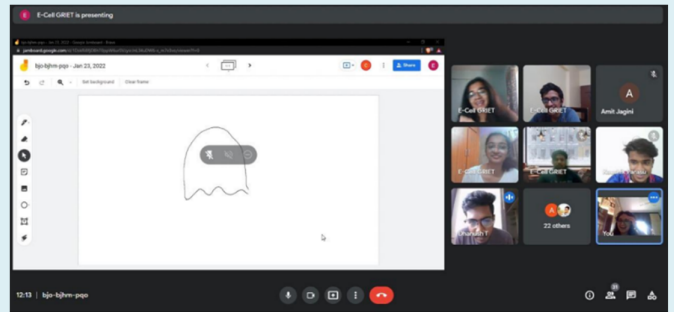
During the days of covid this year, the E-cell SB decided to conduct a couple of light-hearted events online. These were a welcome break from the monotony of the (then) daily. One of them was Pictopreneur. This took place on the 23rd of January 2022. The event involved participants who signed up as teams of two. They had to decode a given clue and draw it out online for the other teams to guess. This was to be done while a stopwatch ticked in the background. Of course, the team with the least time on their clock would win the game.

The clues however were of businesses that had originated as startups and are now popularly successful in their respective fields. The event lasted a couple of hours and was refreshingly interactive.

This being one of the first events conducted for the then newly joined 2021-25 batch, the participants held a good majority from the same.

This was a new event introduced by e-cell this year and being simplicity itself, it allowed us to participate in it from the comfort of our own couches.

The participants had a good time and the then newcomers got a taste of how fun our college events can be.



IPL AUCTION

E-cell GRIET is the entrepreneurship developmental hub of our college which conducts multiple events promoting the same. One of their flagship events is the 'IPL Auction' which was conducted this year in the month of March.

This event has been inspired by the original IPL Auction that takes place before the IPL series of matches. Here students form teams of 3 to 4 members representing the IPL franchises who go on to bid on players within a given budget. They further win it by obtaining the highest sum of points (as assigned to each of the players bought).

The event was held in 2 sessions, with 10 teams taking part in each. The initial stages involved participants understanding the tune of the game and once they had gotten the knack of it the room resounded with countless bids promptly being placed by the teams.

There was continuous bidding, gameplay, mind work, strategy, quick discussions, swift decisions and whatnot!

An EX sb member [Valusa Vedanth Kumar(2017-2021)] was invited as the auctioneer and he did a tremendous job in engaging the teams. The event was captivating until the last minute.

This event brought together, some educational, career progressive skills and the fan favourite: IPL in the perfect blend, providing the participants with a first-hand experience of the mind and tact that goes into the enthralling IPL auction we all love to watch.

This event aimed to develop entrepreneurial virtues like teamwork, time and money management, and decision making among the students and the participants had a good time while learning them.

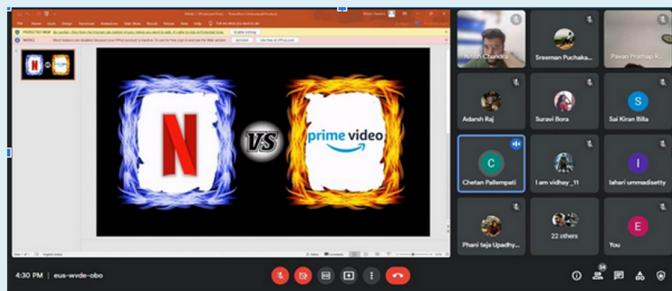


E-CELL

Battle of Brands

Another online event conducted by E-cell GRIET this year is the 'Battle Of Brands' or B-O-B. This was conducted on 23rd January 2022. This event was a more heated event as compared to Pictopreneur.

Teams were to battle against each other in the form of debate. Each session had 2 teams debating, they were both given a company or an established brand each and asked to represent them in the debate. These companies happen to be fierce rivals of each other in the corporate world outside.



The teams were given a specified time to debate and prove their points. They had to qualify through rounds, debating a new team at each and representing a new brand at each until they win the final round and get announced the winner.

The interesting aspect of the event was the teams were given a brand on the spot with a minute or two to gather all the research they possibly could... in a minute or two.

Good arguments were raised, competitive spirits arose and the participants got more and more focused as they proceeded through the rounds. As a whole, it was a successful event and a stimulating one at that!

E-CELL

Annual Student Body Meet

The E-Cell SB conducted its Annual SB Meet on 9th May 2022.

It was graced by the presence of Dr. Praveen Jugge sir (Principal, GRIET), M.G. Sekharam sir (CEO, GRES), Dr Jandhyala N. Murthy (Director, GRIET) and the chief guest Mr. Varun Akhnoor, Director CII- Centre for Excellence, Innovations Entrepreneurship and Startups.



While addressing the gathering, the guests shared their knowledge and wisdom and continued to appreciate the student body for their contribution to the college and its students.

Entrepreneurs from 7 of the startups that sprouted from the college attended the event, and they also discussed their experiences in the development of their startups, how E-cell helped them in their journey, and what tips they would offer future entrepreneurs based on their own experiences.

During the event, outgoing Student Body members and alumni reflected on their time with E-cell. It was a pleasant event that concluded with thanksgiving to the guests and past Student Body members for their contribution to GRIET.



E-CELL

Webinar on Capital Market Awareness

The capital market and its effect on our economy haven't been insignificant. The ups and downs of stocks and shares captivate many, be it a shareholder or otherwise.

In this regard, E-cell GRIET in collaboration with LOTUS KNOWLWEALTH organized a webinar on 'Capital Market Awareness' on 23rd April 2022 to educate students about the key points to keep in mind while investing in the same.

The Prerequisites for buying/selling shares in the security market, how the capital market operates, the concept of savings/ investments, comparison of returns of BSE, Sensex, and Gold were a few of the topics discussed.

Attendees were informed about the dos and don'ts of investing, their rights as investors and much more in this one-hour session, giving the students a brief insight into the ways of the capital market.

The screenshot displays a Zoom webinar interface. At the top, a green banner indicates 'You are viewing Venugopal Rayirath's screen'. The main content area shows a PowerPoint presentation slide titled 'Comparison of Returns of BSE SENSEX & Gold'. The slide features a table comparing the annualized returns of BSE SENSEX and Gold over four 10-year blocks. The BSE SENSEX logo is visible in the top right corner of the slide. The table data is as follows:

10 Year Block	Annualised Returns of BSE SENSEX	Annualised Returns of Gold
1980-1990	20.82%	10.79%
1990-2000	21.24%	5.15%
2000-2010	12.57%	13.94%
2010-2019 (8.75 Years)	9.33%	10.23%

The Zoom interface includes a sidebar on the right with participant names: Lotus E&T, Phani Teja U, Venugopal Rayirath, Poshak Prajeet, and VYAS RITHU. The bottom of the screen shows standard Zoom controls like 'Unmute', 'Start Video', 'Participants', 'Chat', 'Share Screen', 'Record', 'Reactions', and 'Apps'.

IEEE IAS

Inauguration of IEEE IAS Society

There has been an online event conducted by the IEEE student body of our college on the occasion of the inauguration of IEEE IAS Society (Industrial Application Society) at our college. It was attended by students, Dr. J. Praveen, the Principal, Dr. B. Phaneendra Babu, Head Department of EEE as well as the coordinator of this event, G. Sandhya Rani, Dr. Y Vijayalatha and many others on 27th January, 2022 at 3:30 PM. The event commenced with a prayer.



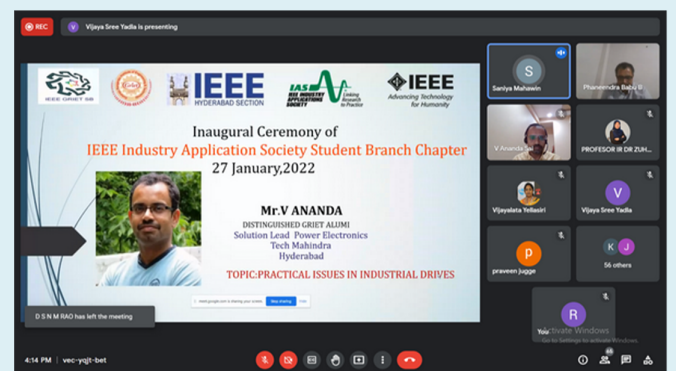
The session commenced with a brief introduction about IAS by Ms. Saniya, Chairperson of IEEE of the student body. Inauguration of this event started with introducing the student body logo by Prof. Zuhania Zakaria who is the Dean of Graduate studies of University of Technology, Malaysia.

She started with the technical talk about traffic control and prediction. She took up the case study of Tehran highway telling that it is an uphill task to regulate traffic in big cities. She also told how the atmosphere is contaminated with the enormous use of vehicles. In addition to this she even enlightened our students about some relevant traffic control and prediction methods, its working and tests it has to pass through.



Another enthralling tech talk was taken by Mr. V. Ananda on pragmatic issues on conducting industrial drives explained the methods on common noise reduction, the safety of operating personals, guidelines as per IEC/UL 61800-5-1, Power quality, DC-Link capacitor, and its lifetime and thermal conditions.

The students enjoyed the session thoroughly and asked many questions to both the speakers of the session and there was a Q&A session in which students expressed their inquisitiveness by asking various questions. The speakers answered all the questions students asked. The Inauguration was concluded with a Vote of Thanks by IEEE IAS SB Secretary.



NATIONAL YOUTH DAY

On the occasion of National Youth Day, NSS, GRIET came forward and organised various Personality Development Activities on the 12th of January, 2022 through online mode. Various activities that were conducted by NSS were Elocution, Quiz, Debate and Essay Writing.

Participants who took part in Elocution were instructed to choose from one of the 4 topics i.e. Mental Health, Suicidal Thoughts and Corruption. The event was conducted on Google Meet and all the participants had a lot of learnings to takeaway.

A Quiz was also conducted on topics such as AIDS, CIVIL RIGHTS and MALNUTRITION. It was organised on google meet and conducted on KAHOOT App. All participants gave their best and thoroughly enjoyed it too.

All in all, NSS successfully conducted all the events and a total of 237 participants had attended irrespective of it being conducted online.



HEALTH CAMP

To celebrate International Women's Day (8th March 2022), NSS collaborated with SLG hospital to conduct a free health check-up camp for Teaching, Non-teaching and housekeeping staff at GRIET. The health camp included Dental, Ophthalmic and BMI check-ups. A general physician and a doctor for gynaecological and oncology were also available.

For the smooth functioning of the event, Dr.G.Jalaja Veronica(Addl Superintendent & HOD of OBC district hospital Kingkoti,Hyderabad) graced the occasion. The event was closely monitored by Mr.M.G.Shekaramsir (CEO of GRIET), Mr.Jhandhyala Narayana Murthy sir(Director of GRIET) and Mr.J.Praveen sir(Principal of GRIET).

Around 150 women had enlisted and got checked up for their respective health issues. Women from every department and also the staff from GRCP and GLWEC took an active part in the event making it a grand success.



RUEDO 2022

NSS along with Street Cause and Green Campus organised one of the most important events i.e., Ruedo on the 25th and 26th of March, 2022. The main aim of this event was to create awareness about the importance and need to protect our environment.

One of the biggest highlights of Ruedo'22 was the Projects Expo which involved displaying distinct projects that tinker to solve most of the problems that we face in our daily life. There were around 40+ projects up for display this year.

Short film was another major event that was conducted. They were used as a medium to portray Environmental and Social problems and ways to provide solutions to these problems.



Some of the other events that were a part of Ruedo were:

- Best out of waste
- Wall Painting
- Pot Painting
- Watermelon Splash
- Plants Mela
- Short Film Contest
- Photography
- Art Gallery
- Box Cricket

Ruedo'22 was a grand success where all the participants and students enjoyed it thoroughly and at the same time, they were made aware of various Environmental and social problems.



NSS

NSS SURVEY – UNNAT BHARAT ABHIYAN

NSS volunteered to conduct a survey called UNNAT BHARAT ABHIYAN, which was done under the guidelines of the central government. The main motto of this survey is to know the problems of rural areas and to give a good and sustainable path to the INDIAN RURAL PEOPLE.

This survey was conducted on 7th April and 12th April 2022.



Parvathpur, 7th April, 2022

NSS SB along with their volunteers and coordinators visited Parvathpur village, which is located 37 km away from GRIET. While interacting with villagers, various problems that were faced by them were noted down in the survey. The gram panchayat also supported the survey by assigning a few of their members for conducting hassle-free survey. The survey was successfully completed at 2:00 pm.

Gundlapochampally, 12th April 2022

NSS SB along with their 26 volunteers and coordinators visited Gundlapochampally village, which is located 20 km away from GRIET. While interacting with villagers, various problems that were faced by them were noted down in the survey. The gram panchayat also supported the survey by assigning a few of their members for conducting a hassle-free survey. The survey was successfully completed at 2:00 pm.



TEDx GRIET

Inspired by the vibrant attraction and creativity involved, the theme for the fourth season was "Metanoia ". It is a Greek word, meaning a change in one's way of life afterthought. With various speakers from different ages and backgrounds, it was a spectacular season

SPEAKERS

1. BADUGULA SUMATHI

"Challenges turn into milestones when faced with grit and conviction"

The Deputy Inspector General of Police shared the story of her life. She reminisced about her family's concerns and society's words about her being a woman in the police community. She highlighted the significance of developing leadership skills and also spoke about her passion to liberate women and bring equality between men and women in any capacity.



2. HARMANN KAUR

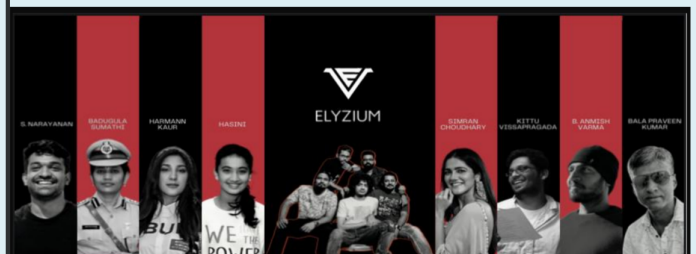
"Become the person you want to meet."

One of the most demanded fashion stylists in the country, she talked about the multiple adventures she's been on and her journey to find her calling as a stylist. She believes that success will come if we are passionate. She introduced us to the power of networking and the importance of standing up for ourselves.

3. SIMRAN CHOUDHARY

"A multi-talented individual dancing to her rhythm and singing to her beat."

The actress spoke about how she got into the film industry and her reasons for taking up acting as a career. She shared about the hardships she had gone through in the industry and still holding onto her roots.



4. S. NARAYANAN

"Change is inevitable. Embracing change consciously is a challenging part of the process. It makes you a better person and takes you where you belong."

The Co-founder and CBO at Unschool, which was one of the top startups in the year 2020. He shared his school, college, and entrepreneurship journey. He introduced us to the doughnut theory and revealed how this theory is connected to his life journey. He gave an encouraging talk on the promising future of entrepreneurship.

TEDx GRIET

5. HASINI LAKSHMINARAYANAN

"For Things to Change, I must change first."

She raised awareness about how actions matter. She narrated a story of frogs and related it to how we plan to do something every day and fail to implement it. She encouraged everyone to implement things rather than giving up easily. She is living proof of there being no better time than the beautiful now.

6. BALA PRAVEEN KUMAR

"Equanimity stems from experiences of impermanence,"

Former flight lieutenant, Wing Chun instructor and associate director at TIBCO, he spoke about his time in IAF and how he shifted his career to business. He gave useful insights into the IT industry. He mentioned how the various challenges he encountered in life moulded him as an individual.



7. ANMISH VARMA

"Self-motivation is the key."

The Everest and Martial Arts Champion opened our eyes to the importance of hard work and passion for one's profession and also how to not give up on one dream no matter what. He gave us an inspiring lecture about the importance of determination.

8. RAVI KRISHNA VISSAPRAGADA

"I'm the fine line between risk and calculated risk."

The Lyricist and writer narrated the various incidents which inspired his lyrics and changed his life. He gave us a glimpse into the various hardships life has to offer.



9. BAND ELYZIUM

Coining a word meaning "Paradise", Band Elyzium truly showed paradise to the audience. Their performance energized the crowd, stealing the show with their mercurial sound and eclectic taste.

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Rythms Spectra

"**S**PECTRA 2022" was a colourful and memorable cultural fest that was organised by Rythms in GRIET. The grand show commenced with a classical dance performance. Then The Fest staged an art gallery at the amphitheatre which was the culmination of many themes of which, The Indian heritage was expressed with the set-up of a village backdrop that was designed using reusable materials.

The program was then followed by Samagana, the first-ever singing reality show held in GRIET, which gave a chance to many budding singers to come into the limelight. Following this, the stage was set for the performance by the Theatrical team of Rythms which left everyone with giggles and laughs.



Later Awards were presented to the best performers from the 70mm film-screening event. The Rythms team also entertained the audience with their breath-taking dance and musical performances which left the audience awestruck.

Finally, the event was concluded with a very energetic DJ performance to which all the students danced their hearts out and grooved to the amazing beats played.

MOVIE MANIA

Team Spirals conducted Movie Mania on the 1st of April 2022. Movie Mania is an event for the cinephiles, where one can either review a movie or make plot changes to that film. The event was held in the ECE Block and got an outstanding 100 student participation.



The event started with the rules of the event being laid out. A few members of Team Spirals even did their own reviews and plot changes of a few iconic movies. The participants were asked to select a movie from any genre and language and express their view on it, why they thought great of the film or change the storyline to what sounds more captivating than the original. Some of the participants came up with many fascinating and engaging plot changes and some with insightful reviews of their own.



The jury was comprised of two Spirals members who graded each participant on their performance delivery, emotion, content and many more. The two best participants in both categories were handed awards from the organizing committee. The event nurtured and kindled all the cinephiles' interest. This gave all the like-minded talent a platform to meet.

Augmented reality workshop

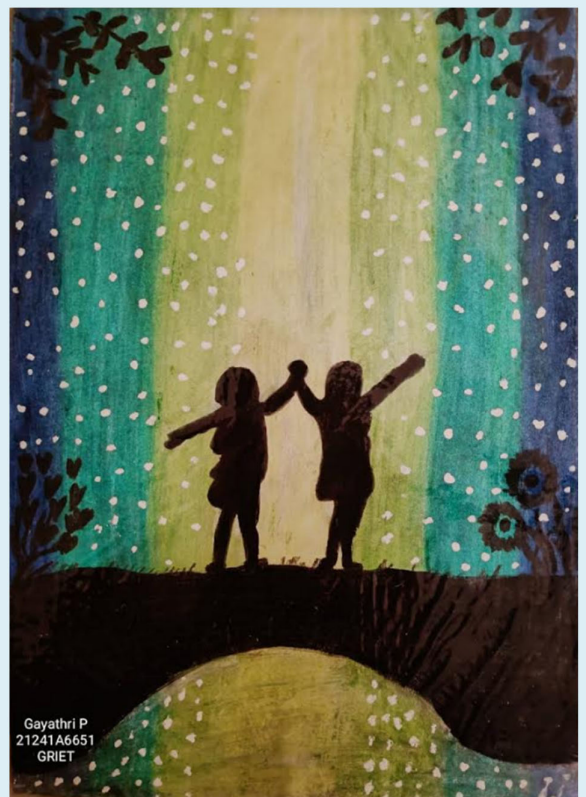
Gaming Club @GRIET successfully conducted 2 Day Hands-on Workshop on "AUGMENTED REALITY DEVELOPMENT" on 20th & 21st April 2022 in Block 1 (1201). Mr.B.Radha Krishna, Founder & CEO – Augmented Byte(Start Up), T-Hub, Hyderabad was the Resource Person.

The speaker explained gaming engines' various functionalities in the game design world. He mentioned that it was necessary to make the subject interactive with other objects in the gaming engine.

At the end of the 2-day workshop, he trained everyone so that they can design a simple game where a character can move around and interact with other objects.



Art works



Art works



CREDITS

GeM January - May 2022

1. IEEE - DIGITAL IMAGE SECURITY- PRANEET REDDY ANANTA
2. IEEE - INAUGURATION OF NEW CHAPTERS-PRANEET REDDY ANANTA
3. AAC - BLOCKCHAIN- MANASA KUMARI
4. CSI - TRIATHLON- BHARADWAJ CHERUVU
5. MARCH 8TH - INTERNATIONAL WOMEN'S DAY - C SREEKA PARINISHTA
6. IEEE - INTERNATIONAL WOMEN'S DAY - C SREEKA PARINISHTA
7. IEEE - TALK ON SENSORLESS CONTROL OF ELECTRIC VEHICLES
-A RITIKA NAIDU
8. IT department - INDUSTRIAL VISIT TO INFOSYS - A RITIKA NAIDU
9. Career opportunities - MANASA KUMARI
- E-cell - KEERTHANA POTTURI
10. E-cell - pictopreneur
11. E-cell -IPL auction
12. E-cell - Battle of brands
13. E-cell - E-cell Annual student body meeting
14. E-cell - Webinar on Capital market awareness
15. IEEE - Webinar on electrical vehicles - KATALA SANJANA
16. IEEE - Inauguration of IAS - KATALA SANJANA
- NSS - PHANI TEJA U
17. NSS - National youth day
18. NSS - Health camp
19. NSS - Ruedo
20. NSS- survey
21. TEDx S4 - C SREEKA PARINISHTA
22. Rhythms - SPECTRA 2022 - CHETANA REDDY
23. Rhythms (Theatre) 70mm - PRITHVIKSIT PAKALA
24. TEAM SPIRALS - MOVIE MANIA - BHARADWAJ CHERUVU
25. Gaming club - Augmented reality workshop - CHETANA REDDY
26. Artworks