2019-20

GeM

GRIET e Magazine



DR. M.G.SEKHARAM

CHIEF EXECUTIVE OFFICER



It gives me great pleasure to know that the GeM Team of GRIET is bringing out their annual issue of the E-Magazine. The efforts of the GeM Team are all the more credible because they have been able to bring out the annual issue despite the problems posed by the Corona Pandemic.

Magazines are a great medium for shaping the literary & cultural talents of our students. Students can display their talents and through the magazine, they can reach all the faculty & students of GRIET. Many great writers of yesteryears were once active contributors to the magazines of their schools & colleges.

Running a quality magazine requires time, effort, aptitude & lot of hard work from the Editorial team. They themselves should have the passion for literary expression.The editorial team of our E-Magazine have been doing a commendable job with their dedication & commitment. I wish them all success in their endeavour to bring out the annual issue.

DR. JANDHYALA N MURTHY

DIRECTOR



I was extremely delighted that the academic year 19-20 has started off with a promising note. The placement clock for the graduating batch started ticking vigorously both in number of placements and compensation figures. Offers like Microsoft (41 lakhs), Amazon (30lakhs), CISCO (16 lakhs) have boosted the confidence of all stakeholders and vindicated the efforts and efficacy of our learning environment.

All professional bodies, student clubs have earnestly conducted the beyond curricular activities giving opportunities to the student community to exhibit their talents shaping their personalities as confident individuals and strong leaders. Inroads have been made into new domains such as Design Thinking, Life Skills, Yoga, Self Defence, Radio Jockeying etc. The last year of this decade ended up presenting a nasty bend in the form of a pandemic, COVID-19 as the second half of the academic year unfolded. This not only made the exit or closure of academic year oscure but forced the entire world into a locked down condition.Withstanding this unprecedented house arrest, the beyond curricular activities using online platforms have rejuvenated everyone's spirits through innovative activities. Rhythms, Spirals, Spices, ISTE, IEEE, Green Campus, NSS, Street Cause, Faculty Club have stepped up their activities including community service involving students, staff and their families. They demonstrated that the situation is a matter of concern, not despair, an exemplary show of human resilience.

I am glad the GeM is striving hard to make this flood of emotions reach the student community at large. I wish the best to all the readers, GeM editors to adapt the new normal and use the challenging opportunities presented by this VUCA world to learn and to lead. God bless!

DR. J PRAVEEN
PRINCIPAL



Gokaraju Rangaraju Institute of Engineering and Technology, owned and managed by Gokaraju Rangaraju Educational Society remains to be one of the most sought out Engineering College in the state of Telangana. With our mission to quality education with an emphasis on practical skills and social relevance and our vision being to be among the best of the institutions for engineers and technologists with attitude, skills and knowledge and to become an epicentre of creative knowledge. This past year, the 23rd year, we have seen a rise in student body activities, both creative and skill enhancing.

As said by John Dewy, "Education is a social process; education is growth; education is not preparation of life but life itself". The past few months have thrown not only the college but the whole world into unprecedented circumstances. I appreciate our students who have continued to learn and participate in co-curricular activities with the same zeal.

I assure them the college has their best interests at heart and wish for them to stay safe and healthy.We are extremely fortunate and grateful to our supportive staff and dedicated teachers who have embraced technology to make learning engaging in these unforeseen times. Our teachers believe "The technical is not just the machinery. The technical is a disposition of life- Leon Kass"

This edition of the Magazine- GeM 2019-20 marks an year of the magazine. This edition showcases the growth of the students and their opinions on the development of various activities that improve their experience and enhance their skills. The magazine follows the voice of the students and does so with the power of the digital age and with creativeness. I congratulate GeM's editorial team for their hard-work and dedication which has lead them through the first year of publication. I wish for them to continue to do so!

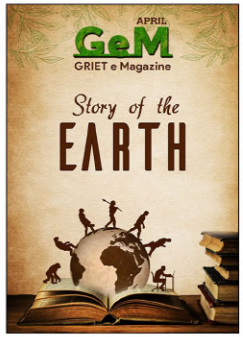
DR. SURBHI GUPTA
GEM FACULTY COORDINATOR



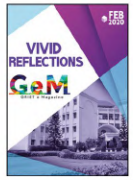
It gives me immense pleasure to present the annual E-Magazine of the college. GEM reflects the talent and outcome of our students. This is one of the best platforms for our students to present their viewpoints about the various events happening in the college and their innovative ideas. Our magazine is a balanced collection of technical activities, departmental activities, academic achievement, various technical and other student body activities, etc.

I take this opportunity to thank our respected Director Sir for having faith in me and giving me a chance to work as a faculty coordinator for the E-Magazine. I thank Principal sir and the Head of the departments and all faculty members for their incessant motivation and kind support.

I thank all the students for their wonderful response and enthusiastic participation without whom this would not have been possible. Last but not least I thank my E-Magazine team without whom this would be a dream only. I respect their efforts and I am proud of them.



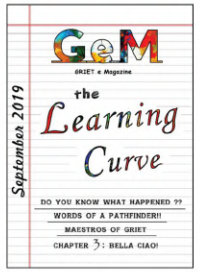
















ABOUT GEM

It has been a year since GRIET e-Magazine (GeM) released its first Magazine, Annual 2019. Since then we have released nine magazines. Throughout our journey, we have done our best to show the works of our students and be a mode for them to channel their emotions, creativity, and talent.

We hope to see your support as we continue to make magazines with quality content.

GeM
GRIET e Magazine

The Annual Edition of the Magazine is a collection of all the memories the students have made. It narrates the story of how participation in various clubs and student bodies has led to self-discovery using a combination of honest words and iconic visual representations.

The academic session of 2019-20 has had many memorable events and festivals. Though cut short due to the grim situation of the spread of a deadly virus. The students of GRIET have continuously been supporting fellow peers to stay safe and engaged.

We have put together a memorandum of unforgettable pictures and expressions that cannot begin to do enough justice to all the memories and learning's of the students. In this edition we have included thoughts of many students who were either participants or organizers. We hope our effort can inspire more students to participate in club and student body conducted activities. The magazine endeavours to bring to its readership an accurate and healthy presentation of all the happenings in the college while reflecting its values and quality of knowledge imparted.

Here's to Staying Safe!

GEM TEAM

MENTORS



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Mohsain Dasti
ECE Dept, 4th year



Sai Sravan
MECH Dept, 4th year

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Content Writer
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PRAGNYA
ACI HACKATHON
MUN
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KHELOTSAV
TED-X
FRESHERS
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E-SUMMIT
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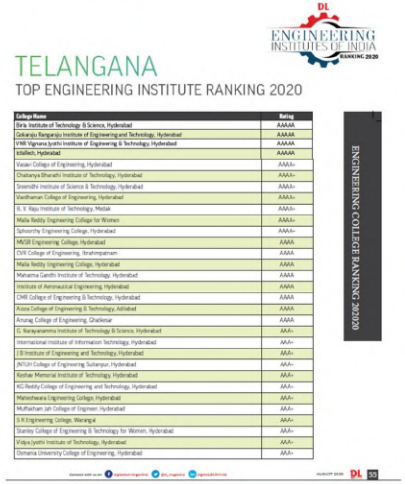
AAC
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IEEE
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SC

RANKINGS









GRIET achieved the following ranks in Times Engineering Rankings 2020

2nd Rank in Telangana
3rd Rank in Placements
4th Rank in Research
3rd Rank in Infrastructure
9th Rank in South India

GRIET ranked as 2nd Best Engineering College in Telangana in Top Engineering Institutes of India rankings 2020 released by ELETS Digital learning Magazine.

Ranked amongst Bank – A (6th to 25th Ranks) in Atal Ranking of Institutions on Innovation by MHRD and AICTE.

M V Satys Sai Karthik, GRIET Alumni, secured 103 Rank in Civil Services Exam 2019.

TEACHERS

Dr. J. Praveen, Principal, received Excellence Award from Act Now Organization





Dr. K. Madhavi, HOD Computer Science and Engineering, received Digital Innovation Award at National Summit on Women and Education Empowerment 2020, New Delhi

Dr. Sridevi, HOD Electrical and Electronic Engineering, received Bharat Vidya Ratan Award from International Business Council





Dr. K. Prasanna, HOD Information Technology, received Fabulous Tech Leader

Dr. Vijayalatha, Professor CSE Dept., received Significant Volunteer Service Award 2019 from IEEE Hyderabad.





Dr. Padhan, Professor EEE Dept., received Bharat Vidya Ratan Award from International Business Council

STUDENTS

BALARAM, 4TH YEAR CSE, RECEIVED HIGHEST STUDENT BRANCH ACTIVIST AWARD AT CSI 53RD ANNUAL CONVENTION 2020, BHUBANESWAR



M. AISHWARYA, EEE, RECEIVED BEST EEE STUDENT AWARD AT 14TH ISTE-TS ANNUAL CONVENTION



3RD YEAR ECE STUDENTS WON DISTINCTIVE IDEA AWARD, SECURED 4TH POSITION, AND RS 20000 GIFT HAMPER AT HEXATHON



RECEIVED BY STREET CAUSE GRIET FROM STREET CAUSE HYDERABAD G. MOHAN, 4TH YEAR, EEE & S. PRANAY, 3RD YEAR, CSE– EXCEPTIONAL EB AWARD D. HIMASHAILI, 3RD YEAR, ECE , SUJAN DVSS, 2ND YEAR, CSE & G. VAISHNAVI, 2ND YEAR, CSE – MOST TALENTED VOLUNTEER AWARDG.S.S. MEGHANA, 3RD YEAR, CSE – BEST VOLUNTEER AWARD G. RAMYA, 2ND YEAR, CSE – OUTSTANDING VOLUNTEER AWARD



SUSHIL SECURED 3RD PRIZE AT MLRIT HACKATHON



MECHANICAL STUDENTS SECURED RUNNER UP AT FMAE BAJA 2020



COLLEGE



STREET CAUSE GRIET RECEIVED MOST INNOVATIVE IDEA AWARD FROM STREET CAUSE HYDERABAD



GREEN CAMPUS RECEIVED TELANGANA HARITHA HARAM AWARD AT CII STATE ANNUAL MEET



HIGHEST BLOOD DONOR IN TELANGANA
COLLEGES RECEIVED FROM ESL NARSIMHAN,FORMER GOVERNOR TELANGANA

SPORTS



WINNERS OF JNTU-H ZONE A COMPETITION FOOTBALL TOURNAMENT



RUNNER UP IN KHO-KHO JNTU-H CENTRAL ZONE SPORTS MEET

PLACEMENTS

Here are some of the students of our college who got the highest packages! We congratulate them and wish for their growth and happiness.



Ms P Sowjanya was selected by AMAZON with CTC 29 Lakhs 2019

Mr Pranay was selected by Flipkart with a CTC of 24 Lakhs 2019





Mr A B Rohan was selected by MICROSOFT with CTC 41.6 Lakhs

GRADUATION DAY

"Graduation is a time to celebrate new beginnings and say goodbye to everything that has given you a reason to smile. It is warm memories of the past and big dreams of the future".

6th July, 2019, a day to be marked in Class of 2019's calendar. A day to step into the real world with memories of the time everyone laughed their heads off, teased each other, having each other's backs through thick and thin, lessons, scolding's and punishments. A journey full of ups and downs.

The Information Technology Department organized the 19th Graduation Day which was held on 6th July 2019 in the Seminar Hall-1. The dignitaries who came to bless the students were, the Chief Guest of the event Dr. V Kamakshi Prasad Garu, Director of Evaluation, JNTUH; Guest of honour Sri Harish Balan, Group Director, Synopsys; Dr. J Praveen, Principal; Dr. Jandhyala N Murthy, Director of GRIET and Mr. M G Sekharam Garu, Chief Administrative Officer .

The event commenced with the academic procession walking into the hall, with Indian traditional music playing in the background, followed by a prayer song and Jyothi Prajwalana.

M. Hemanjali 15241A0329 says, "My time in GRIET has enriched my life in many ways. The perfect amalgam of educational and cultural development moulded me into a skillful engineer I always aspired to be. I'm thankful for the excellent facilities, all the resources and for the unparallel support I've received. The memories I've made with my classmates are truly irreplaceable. My experience at GRIET has been everything I could wish for."

M. Parthiva 15241A0337 says, "This college has given me a rare mix of education coupled with practical knowledge and wholesome cultural development which has made me a better human being. This is what I believe sets GRIET apart from the rest. The memories I have made with my friends at ME-A will forever be cherished by me and I hope down the line I make this college proud."

Dr. J Praveen garu, Principal presented the academic report of the corresponding year while mentioning various accomplishments. Sri Harish Balan garu, Group Director of Synopsys explained the importance of 3 powers to be nurtured lifelong: Knowledge power, Relationship power and Personal power (unlimited) because ecosystem of business environment changes dynamically from moment to moment. He stated, "We cannot step into the same flowing river twice".

Dr. Kamakshi Prasad, Director-Evaluation –JNTUH has stressed the importance of three aspects of Professional development: Continuous learning to update oneself regarding domain knowledge to protect ourselves from irrelevance and obsolescence; Attitude of taking risk without remaining in the comfort zone and deep commitment.

The toppers were honoured with medals by the chief guests followed by distributing provisional certificates to the graduates. After which under the guidance of Dr. J Praveen, Principal the graduates took a pledge to be honest in the discharge of their duties and serve for the cause of the nation.

V. Harshita 15241A0360 says, "The journey from a student to an engineer is only possible when the student gets the best of all the resources from the institution, thanks to GRIET; I am now an engineer which I am very proud of. I had a beautiful journey where I evolved both academically and personally."

K. Sahithi 16241D5815 says, "I felt very happy because it fulfilled my parents dream and it gave them a reason to boast "My daughter got a gold medal in her Post Graduation!". I thank my college for this honour, it makes me feel great on being rewarded for the hard work I've done."









A.A.C AWARD CEREMONY & PROJECT EXPO

AAC, an independent student body that helps students work on multidisciplinary real-time projects, conducted an Award Ceremony and a Project Expo which were attended by many esteemed Industry Professionals from NRSC and Scientists along with the College Alumni members. The Project-Expo conducted and displayed some of the best ongoing projects done by AAC students under the guidance of their mentors.



AWARD CEREMONY - PROJECT EXPO

The event began with Guest of Honour, Andugulapati V. V Prasad, cutting the ribbon of the ceremony hall and gracing the event by his presence. Accompanying him were the College Alumni Members as well as Principal Praveen Kumar, Director Dr. Jandhyala N Murthy, Chief Administrator M.G Sekharam and Associate Dean of A.A.C Dr.Ram Murthy. Sir Praveen Kumar, Jandhyala N Murthy, M.G Sekharam and Sir A.V.V Prasad were called upon to take their places after which a brief introduction was given about the event and the Chief Guest was given a formal introduction. The event began Officially with the Lighting of the Lamp.

The speakers were now invited to speak about their thoughts on the event starting with Dr. Ram Murthy; he gave a brief report of the AAC events conducted for the past 8-9 months also talking about the hurdles and challenges faced, and how College Management supported them through all of this and helped in establishing the first A.A.C lab with IoT enabled classroom environment and other provisional facilities. Thus, in turn, enrolling 554 students, 32 mentors with 32 projects in 7 domains since 2004. He ended by mentioning a line of his mentor while AAC was taking shape, 'to create a forum that allowed teachers - students to interact and advice on upcoming technologies.

Sir Praveen Kumar, gave a talk about the present-day requirements as to how All India Council for Technical Education (A.I.C.T.E) had placed a prerequisite which all graduates must have Aptitude, Skill, and Knowledge (A.S.K). He used this to reiterate it's important in today's over-competitive world. He also spoke about the qualities that make a strong impression as per A.I.C.T.E, the manners, trust, team player, understanding, confidence, appearance, and a few more with the education qualification being the last.

He comments on it by saying that it is often that "qualification" that gets students' attention. Hence requests students to change their perspective. He concluded by congratulating the team and all the students who were a part of it.





After which Sir A.V.V Prasad (who has done 20 research papers, on data process, frame synchronization, a member of National Remote Sensing Centre) spoke about the importance of real-time projects and how they shaped the minds of students in the process. He said, "just learning is not sufficient, you must understand and apply these things." Some of the examples mentioned where one can improve their concept and understand the processes were, drone stability corrections, error correction mechanisms, etc. He later mentions "whatever you are doing, do a little extra". He ends by expressing his opinion on why students should try and find problematic statements their solutions by research.

M.G Sekharam later came and gave a talk about how the world runs and commented about the survival of the fittest by saying," the outside world runs on the basis of competition." He described in brief and reflected his thoughts on how the technological and software advancements were faster than ever, "the shelf life of any technology is short." And later probed students to venture and device methods that produce maximum output with available resources. While doing so he gave a brief on the factors involved with any project (time, resources, funds, people) and ended with a short note on resilience.

Dr. J N Murthy sir, gave a rather short talk starting with questions 'why, what, and how.' He comments that each student must ask these three questions while learning a concept. This enables and allows the student to understand things. He took pride in saying that all the students affiliated to A.A.C were doing extremely well in their respective fields and hoped the same for the coming years. He mentioned the Chandrayan Project taken up by Indian Space Research Organisation; later ending with him asking everyone to invoke the inventiveness.

PROJECT EXPO COMMENCEMENT

The Expo was the main attraction of the event and was definitely a crowd puller. It had, as mentioned earlier, one of the best ongoing real time projects displayed. With concepts like M.L, Deep Learning, arduino systems, Open CV, Advanced Web Coding Languages, AutoCad, and many others. But, in the midst of all, a few stand out which deserved special mentions.

LAUNCH OF THE A.A.C WEBSITE AND BOOK 'INTERNET OF THINGS' BY SHRUTHI GUTTA

Nishwant, representing the Web Development team gave a short introduction of the details of the website created, which was later officially launched by The Director Sir. Srikanth Reddy gave an in-depth talk of all the sub links and access portals for students, mentors and teachers.

Next, Shruthi Gutta, a 4th year student who authored the book 'Internet of Things' reflected her thoughts, and reason for doing so, and gave a brief of its content inside, it was also released by The Director..

AWARD CEREMONY FOR ALL MENTORS AND MENTEES

The award ceremony was conducted to honor the students and their mentors who have worked on real-time projects throughout the year and managed to complete it. The awards were handed over by Sir A.V.V Prasad, The Principal, and the Director. Later the Mentors, Chetan, Srikanth Reddy, Jeripeti Bheema, Deshraju Nagapawan, Anoop B.S.V.S, Rohit Chindam, Keerthana Palipalupula, Alence Abhinaygopaldas, and Katapally Manognya were called upon and given the Letter of Recommendation.

While all the Mentors have done commendable work, one among them is just simply brilliant and is looked up by many, in hopes to be mentored by him.

Chetan Reddy, a 4th-year student who is a rather a quiet person on the outside, is an ocean of talent and a real-time project veteran who mentored 8 projects alone this year, each of different domains, and continues to support students, guide student mentors, and has always been a Core Member of the A.A.C Student Body.

Some of the notable projects mentored by him this year include Talking Fingers - Machine Learning and Arduino systems, Smart Band for elders, Sales and Diabetes prediction using analytic concepts, and many more. He continues to inspire students and help them in every way possible.







A second year student says,"It was a great experience. Our project required multi disciplinary skills we even worked at the workshop. This was an amazing opportunity for me to learn and try using skills I learnt in AAC."A second year student says,"It was a great experience. Our project required multi disciplinary skills we even worked at the workshop. This was an amazing opportunity for me to learn and try using skills I learnt in AAC."





X-KERNEL

X-Kernel is the Annual Technical Fest hosted by the college. The Fest is exclusively technical. A plethora of technical competitions were held, designed to enthral budding engineers to test and enhance their skills so as to emerge out as fine professionals in their domain. Its objective being, to encourage young and vibrant engineers into developing their problem solving skills and sharing innovative solutions for common issues and problems, to experience true engineering. All the disciplines took part in the fest and organized successful events. The event is a fine blend of practical skill development and innovative thinking along with fun that makes it enthusiastic for the participants. This year five departments participated, the CSE Department, ECE Department, EEE Department, IT Department and the Mechanical Department.

The Department of Computer Science Engineering conducted the Festival in association with the Technology and Innovation Cell. The department helped several competitions including coding competitions and quizzes.

The Department of Electronics and Communication conducted several events including Tech Tambola, E-JAM, Zero the Hero, Fastest Finger First, Quzzaire, Act Out Yourself and Treasure Hunt.

The Department of Electrical and Electronic Engineering held a total of eleven events all of which were held by Second years or Third years. The biggest hits of the day were "Finding the Infinity Stones" and "Guess Who?".

The Department of Information Technology held several coding events and competitions and saw active participation form second year students. The events included "Mind Optimizers", "Tech c ross", "c the battle" and many others.

The Department of Mechanical Engineering held Isometrica and AUTOCAD having students apply their skills to make practical designs and show their creativity.









A second year student's response to "Guess Who?", "The name of the event itself attracted me to it. It was fun at the same time we were using what we learnt. It was a really good event."

A third year student Karthik says, "I attended the Design competition. We were given basic and complex design to implement. Time flew by. I really enjoyed the competition."

G-TALKS
JOURNEYS ARE DESTINATIONS

G-TALKS an annual event that brings speakers from many professions & backgrounds whose life's' inspiration & motivation to all are invited to speak on this forum. Needless to say, they've all endured turbulences through their Journey and never lost sight of their Goals and Destinations which they wished to achieve.

This edition of G-TALKS brought many anecdotes of Pass outs from the batches of 20 - 13, 14, and 15; whose talks and brief walkthroughs got chills running down everyone's spine.





Principal Dr.Praveen Kumar giving an inspiring talk commented that "it's very hard to be motivated but very easy to be demotivated." Later went on to end by giving his regards to all.

C.A.O MG Shekharam comments that the theme was deeper than the skin. He compares the life of a person i.e.; stops and checkpoints with student and adult life as a destination.

"You can either make work your passion or your passion your work".
- Dr. Praveen Kumar

"The difference between success and failure is your approach to the problem".
-M.G. Shekaram

THE SAND-ART PRESENTATION

An exquisite by **Sudhakanth Rayal**, a well renowned Sand Artist by profession, who has many awards to his name, collections bought and recognized by famous people among whom Sir Ram Gopal happens to be one, gave an artistic sand presentation on student life and his interpretation of the theme was the icing on the cake.

GUEST ANECDOTES

Siddharth Kukatlapalli, Co-founder & Chief Business Officer at Syntizen. Syntizen, a startup founded in 2014 in the wake of addressing - need for checking false attendance & helping reduce the losses the Government faced being unable to pin its source. It provided an instant, paperless, electronic, & authentic customer onboarding solution.

He comments, life on & off-campus are very different, and adds that his path from Deloitte to Syntizen was a long one filled with backlashes, moments where people didn't take them seriously and where he and his mates struggled their way up and rose to the position where MasterCard invested in them, a company that usually doesn't otherwise in India and helped set up an efficient mechanism of maintaining-checking on irregularities human - money resources.



Ragini Ravipati, CFO and Co-Founder at Ezeetrak.com, always wanted to be an entrepreneur. She shifted jobs from one-another as those jobs were not her thing. And on finding the right company, job, and life partner, she was asked to shift department or resign. She resigned, shifted to another job which again challenged her with a transfer to the US on L1 Visa after she had a kid.

Though responsibilities bounded her, she took it up as a challenge, declined it, started her journey as an entrepreneur, launched and ran a Saloon branch to make it a recognized branch and was congratulated by the Owners of the Main Saloon Company; to later setting up her e-commerce web site.

She now has a Website where they sell authentic natural cosmetics and beauty products. She continues to be inspired by Swami Vivek Ananda and comments it's her secret to success.



Eva Soni, an entrepreneur by profession, who always wanted to make the most of the experiences in college and felt that she could only do so by engaging and meeting people outside the classrooms and exploring it for oneself. She attended internships where she was inspired by the passion of the team lead and wanted to get there. This passion of his changed her and in due course got her a job in a highly reputed company which she intended to be.

Yet she wanted something more from life, so she left the job and started a 3D Printing Company with her father. While the first few months were rough she comments it was much better to work for self than work for others. She ends by probing all to find their passion and make it their profession.



Karthik Koppula, an operation manager at Amazon, comments that his whole life began with confusion from studying in inter-college to engineering college. He jokingly stated that if he was to leave his job it would because of the speakers before him. He comments that all his life he never knew where he'd be heading but knew his clarity was getting better. He in his words said, "There is no right way or wrong way, it's only your way". He ended on light note requesting all to follow their path and not to worry where life took them, he probed all to follow their heart, and the rest would take care by itself.



M. Aashish, a man who had the dream of being an entrepreneur since college days started off to try his hand in real-estate after working with a real-estate company and getting a year and a half experience. But even having the connections, resources, and business strategies, soon realized that the industry doesn't encourage newbies. Hence decided to complete an MBA and worked in another company which gave him managerial skills along with financial skills in the way. Post all this an idea of starting his own shop came up which he succeeded in pulling through and making it a success, but it didn't come easy. The struggles of a shortage of employees, transport of goods, maintaining the bottom line and more took its toll for three years post which he got the numbers he wanted to see and charted up. He ended by stating that perseverance outmatches all odds





THE MUSICIANS END

To end the event on a spectacular note, band **Retrieve** gave an energizing performance where the crowd cheered and sang along the songs.



To put all opinions in a nutshell, the event was amazing and all students looked forward to more such events which leave them inspired. They especially loved the sand art and needless to say the band performance was the icing on the cake.

PRAGNYA



Pragnya, over the years has served as a thriving platform for the expression of science, technolo -gy and managerial ventures with sheer brilliance and creativity from the youth populace. It is the largest technical fest of GRIET which served as a means for students and inquisitive minds to showcase their technical skills and knowledge.

National Level Technical Symposium, Pragnya' 19 was organized on 20th and 21st September, 2019, by one of the eminent student bodies of GRIET, IEEE GRIET SB with great enthusiasm and dedication.

Known to attract the best student talent from across the country, Pragnya' 19 took things to a greater level this year. This year Pragnya' 19 has set out on a path to guide it through the prism of enriching experiences with the theme 'Shaping the Future', in order to glorify the importance of technology which served as a hub that can open up countless avenues for communication and has helped shape the future in every aspect of our lives. Apart from this, the entirety of the fest saw a plethora of Workshops and Events. The fest lasted for two days. The first day had workshops, technical and non- technical events and sport events.



WORKSHOPS

• ACTIVITY TRACKER

The workshop aimed at providing hands-on, practical training to the participants. Activity Tracker Using ATMEGA 8 is a two-day workshop by exceptionally qualified and professional trainers actively involved in research & development, TechieNest.

• DEVOPS

DevOps is a workshop conceptualized by some top industry professionals in association with Innovians Technologies. The two-day workshop has helped the students grasp the concepts of how DevOps transformation can help in focussing on value and streamline the delivery and also understand about the common infrastructure servers, scalability and availability which was another feature of this training program. The student learnt the DevOps tools like – Puppets, Jenkins, Nagios, Ansible and GIT etc.

TECHNICAL EVENTS

Paper and Poster Presentation

BASIC SCIENCE DEPARTMENT
Google It and Zap Wire
Circuit Debugging

CIVIL
Technical Quiz
Startup Ideas
Working Models

CSE
Error Correction in C Programming
Riddles on Coding
Code Code
Code IT
Code Ridge

ECE
Market Mayhem
Taste the Skill
Build the Circuit
Spin the Ball

EEE
SMS(Sense of Mathematics and Science)
Kaun Banega Technopathi
PI

IT
Technical Hunt

MECHANICAL
Model Assembly
Connect Mechanical

A student from second year CSE says, "Last Pragnya was new to me and I was really into the non-technical events. This time however I took full advantage of both the workshops and the fun events. The festival went well. I wish there were more workshops and more participation in cultural activities though."

BIG EVENT

NON-TECHNICAL EVENTS AND COMPETITIONS

TECHNICAL MAZE
ARRANGE AND ANSWER
TAMBOLA
TREASURE HUNT
DRAW THE TAIL
WHISPER CHALLENGE
BOX CRICKET
BLIND VOLLEYBALL
MIRROR MAZE
ROBO WAR AND RACE
CUPS AND BALLS
MINI MILITIA
CRIC QUIZ
MINECRAFT BUILD IT
MODEL OUT OF WASTE
BLIND FITTER















The Second Day ended with Cultural Programs. The entire college gathered at the amphitheatre. Rhythms showcased their talent with multiple singing and dance acts. The entire college outside and attending events with friends made the atmosphere very lively. Pragnya is the most awaited festival of the college. It has everything from serious workshops to light-hearted activities.

A third year student from ECE says, "I have seen three now. This year was good too. I do wish there were more workshops though. The Team Pragnya did an amazing job again. I enjoyed the traditional last team dance!"

CHALLENGE A.C.I HACKATHON





Challenge ACI, a 48-hour national level Hackathon orga -nized by GRIET, Hyderabad in collaboration with Clove Technologies, a services company in the area of BIM, Geomatics, and Technology. The event provided a platform for students to learn, put to practice and showcase AI, Cybersecurity and IoT concepts and technologies applied to real-world problems.

The application areas the event was looking at were: Agriculture, Manufacturing, Logistics, Entertainment, Smart Homes, and more. The Patrons of the event were Dr. Jandhyala N Murthy, Director; Sri M.G.Sekharam, Chief Administrator; Dr. K.V.S.Raju, Senior AO. The Convener was Dr. J Praveen, the principal of the college.

The event was divided into three segments:

1. Event time mentoring support by subject experts from Industry
2. Judgment by Industry people
3. Startups\ Investment possibilities

Some of the things all participants had to keep in mind while forming teams and forming ideas where:

- Challenge ACI is open to teams with students pursuing any Engineering course / MCA / BCA from anywhere in India.
- The team size could be from 3 to 5. Teams with at least one female member would get additional points.
- They were looking for working prototypes that solve problems. The projects could be only software-based. However additional points would be scored by projects that offer complete solutions - for example with training done on a PC platform and a trained model deployed on a hardware platform like Raspberry Pi.

The winner of the challenge was awarded prizes worth Rs 1,20,000. The whole event ran smoothly with the help of multiple volunteers from all branches. The event witnessed projects from all backgrounds of technology and was a grand success.





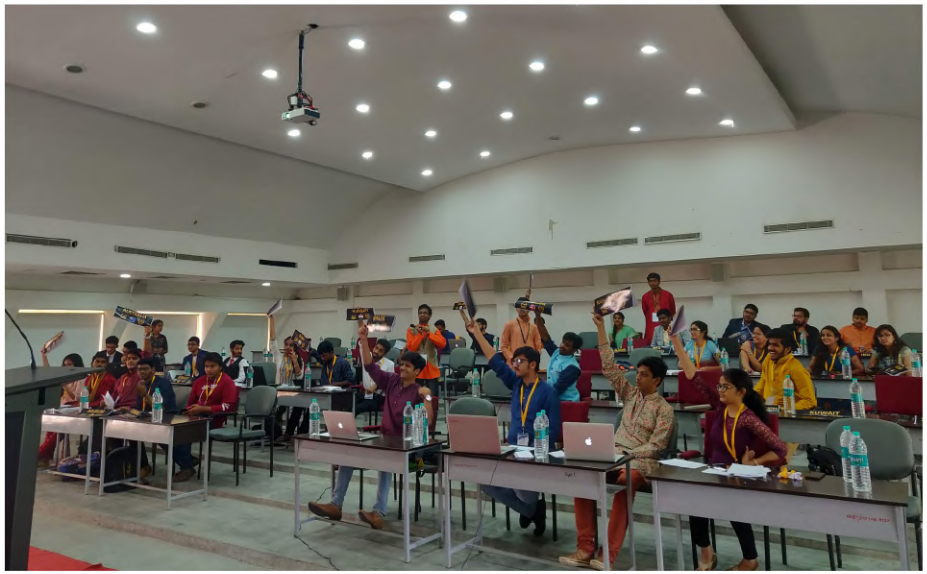
A second year student says, “48hrs rigorously on something is difficult, but nights were like stress busters. We people had lots of fun.”

A second year student, Shreya says, ”It's always a privilege to meet people with different core subjects and guide us as a mentor for betterment of the project.”

A student says, ”The organization of food should have been better.. Some teams were not given enough time to present their works. Other than that, everything was good.”

A student says,”That was my first hackathon. It was great! The entire atmosphere was really good as there were many interesting projects and I gained a lot of experience. It was a good experience, the food was good. The refreshments were great. Exposure to industry people and requirements.”

MODEL UNITED NATIONS -GRIET 2019



Team Spirals, the literary club of GRIET, went all out with GRIET-MUN 2019, the first of its kind conducted at our college. The delegates were from various colleges and schools and also welcomed delegates from VIT Chennai as well. Leaving a lasting impression and has spread the essence of MUN throughout the college, MUN 2019 had received many plausible responses from the delegates and the college administration.

The Model United Nations is an educational simulation in which students practice diplomacy, their knowledge about international relations and the United Nations. It is the long-awaited platform for students to represent countries as delegates and constituencies as parliamentarians. MUN is the biggest stage to cultivate speaking, writing and debating skills and incorporate them with practical and more real world problems that needs to be addressed.

UNITED GENERAL ASSEMBLY FIRST COMMITTEE – UNGA DISEC

Also known as the Disarmament and International Security Committee (DISEC) is first of six committees at the General Assembly of the United Nations. It deals with disarmament and international security matters.

The Agenda for the committee to discuss was Combatting Global terrorism with special emphasis on the Middle East and North African region. The committee actively discussed major issues that these region face including Iran's current position on its nuclear prowess, its neighbours take on it and the USA's interference. The committee progressed at a steady pace with many points of order's and points of information.

The committee was led by the executive board Mr Preetham Timothy, Mr Rishab Vudathu and Ms M Shradha Anukuri.

The best delegate was the Delegate of Finland, Mr Ramal Jagan who showed excellent diplomatic skills, stayed true to his country's foreign policy and showed great lobbying techniques.

THE UNITED NATIONS HUMAN RIGHTS COUNCIL - UNHRC

The Human Rights Council is an inter-governmental body within the United Nations system made up of 47 States responsible for the promotion and protection of all human rights around the globe.

The committee discussed extensively on the agenda Promotion and Protection of Human Rights while Countering Terrorism. The committee discussed the plight of humans in war zones and in extreme damage it leaves on children, the future of the world. The provisions of resources like water and medicines was discussed along with the extreme human right violations caused to women and children. The committee involved a lot of lobbying and was very lively.

The council took place under the guidance of Mr. Kamlesh Mohanty, Mr Pavan Kumar Dharmoju and Ms Vandana Yalla.

The Delegate of China, Mr. Shubhan Seth, was awarded the Best Delegate of the committee with effective points and excellent points of information and points of orders.



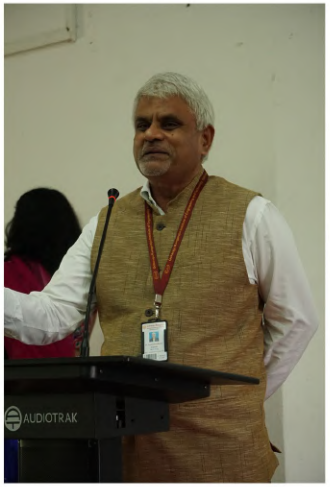
LOK SABHA

The Lok Sabha or House of the People is the lower house of India's Bicameral Parliament. The Parliament mainly deals with bills, the public's concerns and the budget. It also has control over other members of the parliament.

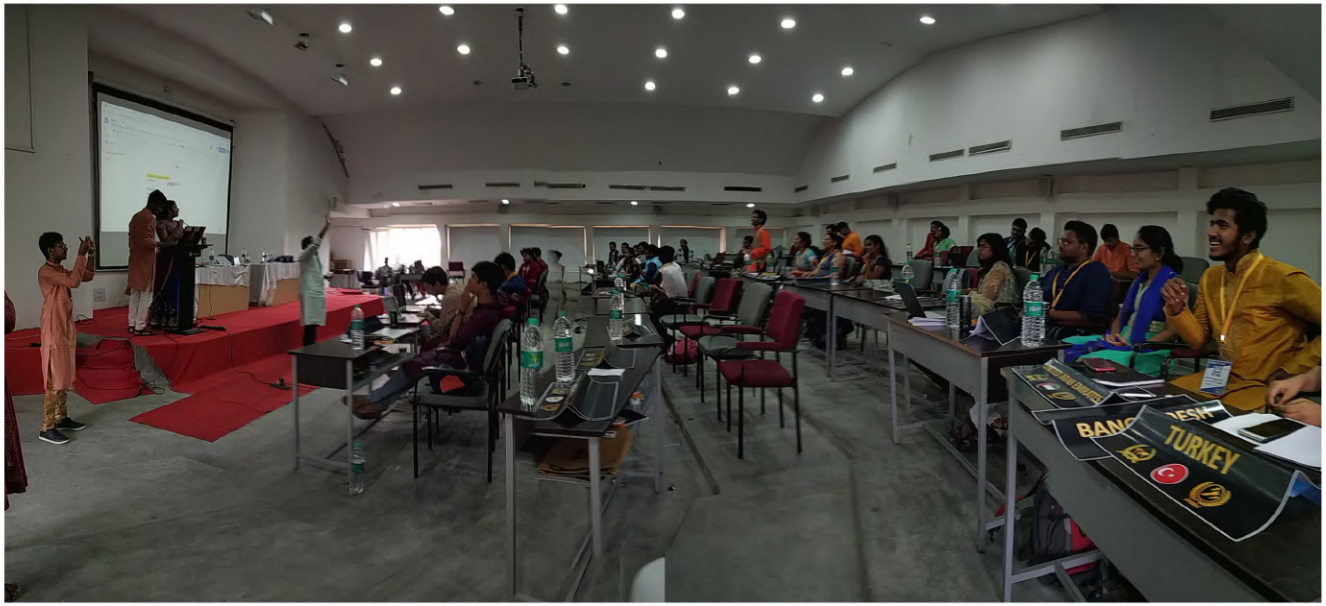
The Lok Sabha had two agendas to discuss on The Population Regulation Bill, 2019 and a Discussion on Rising Communalism with Special Emphasis on the Ayodhya Dispute. The house had a fruitful debate on the first agenda, that is, the Population Regulation Bill passing it after prolonged discussions. The second agenda was discussed during the zero hour and immediately turned into a heated debate over the solutions.

The assembly continued under the guidance of the Speaker Mr Harsh Agarwal, Co-Speaker Ms Subitra Pawar and the Jury Ms Nethra Perli and Sriya Vaishnavi.









The Best Delegate was Mr. Vedant Bhatnagar Mathur. At just 14 this young boy showed unbelievable maturity, he spoke with clarity and had done excellent research. He was the undisputed winner.

The best delegation of the event was awarded to Democratic People's Delegation - DPD lead by the best delegate of DISEC. The experienced delegation showed indisputable talent and their experience paid off. They had tough competition from the VIT Delegation who showed great enthusiasm and spirit.

The Secretariat worked seamlessly despite being inexperienced. Ready to provide excellent service and took critique well and improved themselves over the span of two days.

The Secretariat was led by Ms Sai Pranavi who was the Secretary General of the Model United Nations, who also resolved the dispute between the Delegate of India and the Delegate of China in UNHRC when the Chair had no say but only the Sec. Gen. does.

All the members of the Organising Committee worked relentlessly while managing their curricular, co-curricular and personal work making sure they were not leaving behind anything but also making themselves available all the time. The hard work, discipline and sincerity surely paid off when the delegates and the parliamentarians appreciated the efforts.

Model United Nations-GRIET, 2019 left a lasting impression on the participants who were very optimistic about the next edition and left loads of positive reviews about the hospitality and the counsel themselves

CSI CONVENTOIN



CSI has come up with a platform for students to explore the infinite potential of Artificial Intelligence. CSI STATE STUDENT CONVENTION for Telangana state was conducted on 12th December 2019 with events like Code Debugging, Web Development, Project Expo and Poster Designing on the theme 'AI Driven Human Life'. The event was designed to provide a forum for young graduates in the area of Computer Science & Engineering to show their talents.





The CSI-GRIET student chapter was formed to develop the skills of its members, technically and personally, by arranging seminars, workshops, and competitions. Formed in 1965, CSI is the first and largest body of computer professionals in India and has been instrumental in guiding the Indian IT industry down the right path. CSI organizes many events which are a collection of knowledge, learning, and fun-filled technical and non-technical events. With innovative projects, enlightening on current trends, interacting with the outside world, social responsibility is built among students for the benefit of humanity.

Around 215 students attended the convention and were satisfied with the different approaches to the subject of Artificial Intelligence. Rohith from Gitam University shared his views saying he was glad he could attend the convention and was satisfied with the experience. Lopamudra from IIT Madras wished if the events were conducted for more time. Mithusri from BIET was looking forward to more events like these.





KHELOTSAV 2K20

Khelotsav, the annual inter-college sports fest of GRIET entered its 2 nd edition in the year 2020. This year saw 6 sports and over 60 different teams participating which is the largest sports fest ever to be conducted by GRIET served as a mean for young athletes and sports players to showcase their unique talents on a big stage. Khelotsav 2020 was conducted on 6 th and 7 th of January, 2020 by a group of faculty coordinators and student organizers with enthusiasm and dedication.









The inaugural ceremony of Khelotsav 2020 commenced with arrival of our guests– Director Dr. Jandhyala N Murthy, Principal Dr. J.Praveen, Dean Student Affairs Dr. L Jayahari , ECE Head of Department Dr. N. Swetha and Head of Physical Department Mr. Srinivas Raju. The program started with the lighting of the lamp and a prayer song. The dignitaries graced the event with their valuable words and by enlightening the students with the purpose and importance of sports and fitness and that Khelotsav would be a platform for players to evolve themselves in various prospects.



A 3 rd year student Nithin from CBIT shares his experience telling that all the events were conducted very well this year by GRIET. He suggests that from the next time the college can conduct more sports events like football for boys and girls ,basketball , swimming etc .



A 2 nd year student Nikhitha.M from GNITS was very impressed with the support that they received from the college , the crowd was very cheerful and all the events took place according to the schedule without delay.



A 2 nd year student Nikhitha.M from GNITS was very impressed with the support that they received from the college , the crowd was very cheerful and all the events took place according to the schedule without delay.

BIG EVENT

TEDx GRIET

x = independently organized TED event

SEASON 3

ECHOS AND REFLECTIONS

The third season had the theme of Echoes and Reflections. With many speakers, it was a great one and left the audience excited for more. With speakers from varied backgrounds from a psychiatrist to a YouTuber to an author.





1



2



3



4



5



8



7



6



9



10

SPEAKERS

❶

SHRAVYA VERMA

Who is a well-known self- made fashion designer. She shared her story of how she reached where she was. Her story was full of ups and downs along with a dash of hard work and grid. Starting at a young age she had a clear idea of what she wanted to be. She shared the hurdles she faced, expectations and how it was scary but she pulled through because she was passionate.

❷

DR. G. PRSAD RAO

The President of the Indian Association of Private Psychiatry, spoke about the increasing troubles among the youth and the stigma around mental health. He gave an informative and motivating talk on how people can overcome their fears and what they can do to recover. And who one of his client's Actress Deepika Padukone overcame her depression.

❸

ADITYA SIRIPRGADA

The co-founder and CEO of Fountane Labs, who co-founded the start-up which currently has the valuation of over a million dollars. He wanted to share his belief that globalisation, technology and the economic trends will be the route to success. Sharing his experiences he gave an encouraging talk on the promising future in entrepreneurship. He went from almost being kicked out of Minnesota University to being Minnesota's top 25 under 25 entrepreneurs.

❹

SUMAN CHAKRAVARTHI

An artpreneur who turned his art into a successful business. He opened our eyes to a different world and showed us what else could be explored in the long list of possible professions.

❺

MS. GEETHA BHASCKER

A visual arts teacher and an educational trainer by profession. She has dabbled with both acting and writing. Authoring Destiny's Child an inspiring book. She talked about her experiences.

❻

MR. DINESH KUMAR GUNASEKARA

A vlogger and reviewer. HE told us the story of how he went from working at a Medical Transcription Company to shaping his passion for automobiles into a full-time job. He spoke about how his platform helps him emphasise on safety and responsibility for the enthusiastic youth. He gave us an inspiring lecture on how we can do what we like and make decent earnings out of our passions.

❼

ROHIT SWAIN

a stand-up comedian who has performed over 500 shows in India, lightened the mood with tasteful jokes. An introvert most of his life he wouldn't talk as he had a stutter. He quit his job at an MNC and took up stand-up comedy. He serves as living proof of how one can go from being scared of platforms to making people enjoy his humour and bring happiness to all

❽

RAMSH KIDAMBI

The founder of Break The Silence(BTS), an NGO for breaking the stigma around Child Sexual Abuse(CSA). A passionate child rights activist, he works incessantly towards educating kids, parents and teachers against the evil that robs children of their innocence. As a victim himself it was heart-wrenching to hear the story. To imagine so many children go through this unaware but never the same.

❾

EESHA REBBA

Was popular among the audience she surprised everyone with her knowledge and her emotional story.

❿

THE ARIGAMA PROJECT

They stole the show with their art. The idea of fusion Indian Classical and Western Pop was truly mesmerising. Each member of the bandNhad a unique ingredient to add to the piece played. Each instrument was played with utter class and passion.

FRESHERS 2020

A day of celebration for all the juniors filled with fun events. Gokaraju Rangaraju Institute of Engineering and Technology celebrated its Fresher's day on 28th and 29th January 2020. The day reminding juniors that they are not alone in the journey but seniors, lecturers, and the college have got their back for their upliftment in life.All the juniors loved their freshers, filled with colorful decorations, tasty food, interactive activities, impressive performances and many more. Few felt that it would have been more comfortable if it was conducted in a closed area.



















ANNUAL DAY

An Annual Day is not just a curriculum of the college activity but a celebration of student's achievements. Gokaraju Rangaraju Institute of Engineering and Technology celebrated it's 23rd Annual Day on 29th February 2020. The day,Dr. Jandhyala N Murthy, the Director of the Institute emphasized the need to be abreast of the latest technologies such as IOT and AI among others. Sri. T Shyla Kumar, Head - Data Sciences and Architecture, smart cities platform at Larsen and Toubro, Hyderabad, addressed the students and stressed the need to learn real time Data Science in a competitive world. The students were presented with endowment awards for their exceptional talent in academics and sports at national and state level.





Endowment Awards

JSL Memorial Award:

Devasani Priyanka of II B.Tech EEE.
Sardar Harshit Singh of II B.Tech Mechanical Engineering.

Vadlamudi Rama Naidu Memorial Scholarship Award:

The award winner is K. Harika of I B.Tech CSE.

Adapa Kristaiah Memorial Award:

The award winner is D. Sai Vikas Reddy of I B.Tech Mechanical Engineering.

Alumnus Award for Academic Excellence was initiated by GRIET Alumni Association.

It is awarded to the Toppers of II B. Tech CE, ECE, CSE and IT branches.
The award winners are Seshani Anjali of II B.Tech Civil Engineering.
Anwesha Nayak of II B.Tech ECE.
Ineedu Sai Nikhila of II B.Tech ECE.
Mohammed Adil Yousuf of II B.Tech CSE.
Akula Poojitha Seshan of II B.Tech IT.
Mettu Shreeja Reddy of II B.Tech IT.

Sports Awards:

K. Dhiran Yadav of III B.Tech Civil Engineering for representing All India Inter University Championship in Wrestling.
M. Venkat Sai Kiran of I B. Tech IT for representing All India Inter University Championship in Taekwondo.
N. Sagar Reddy of IV B. Tech ECE for representing South Zone Inter University Championship in Kho-Kho for 4 times.
K. Prashanth of IV B. Tech CSE for representing South Zone Inter University Championship in Yoga for two times.
V. Sowjanya of III B.Tech CSE for representing South Zone Inter University Championship in Ball Badminton.








BEST SUPPORTING STAFF AWARD 2018-2019

The award winners are:
Best supporting staff - Technical : Mr. Sushil Kawre
Best supporting staff - Administration : Ms. Rohini Latha




GRIET Merit Scholarship Award:

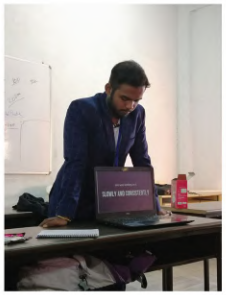
GRIET Merit Scholarship is awarded to Kancharla Sai Ratna Prudhvi of IV B.Tech CSE for obtaining 1408 rank in EAMCET.

BIG EVENT













E-SUMMIT

BRIEF INTRODUCION

E-Summit was a 5 flagship event, E-Summit, short for Entrepreneurial Summit,was held on the 29th of Feb.It is an event where entrepreneurs of all kinds and streams come together with their experience and share them with young entrepreneurs. Also, investors come down and search for potential investment opportunities and investees.



E-TALKS

E-Talks was conducted as a flagship event under E SUMMIT GRIET. This event hosted 7 speakers from various domains, each speaker talked about their entrepreneurial journey and how their sheer determination and confidence helped them throughout their life. As the event concluded it received a standing ovation from all the speakers and the audience. E-Talks was followed by a networking lunch.

PANEL DISCUSSION

Panel Discussion, an event where panelists are chosen from the present fields. This time the topic of the panel discussion was job vs entrepreneurship vs higher studies. With Venu Madhav talking about Higher Studies, Nithin Sharma about Jobs and Sri Ram on Entrepreneurship. It was filled with a lot of exchange of ideas. It was well received and the students received deep insights onthese topics.

STARTUP-EXPO

Startup Expo was conducted as a flagship event under E SUMMIT GRIET. This event is a roadshow Nof startups from different colleges. With 2 investing companies: N Prodax Technologies Pvt.lmt, Startup Wize, and a few private investors. This event made itself a platform for connecting the startups with potential investors and new connections.

NON-TECHNICAL EVENTS

There were multiple non-technical events were held simultaneously for the whole day. These events are Case Study Competition, Wolf of Wallstreet, IPL Auction, Treasure Hunt, Devil Follows, Blind Maze and fun stalls like Helium Ballons. The events were based off on simple imagination skills, entrepreneurial skills, cricket knowledge and many more.

INTERN FAIR

This event hosted 3 companies Techimax, Brings and Talent story from both technical and non- technical aspects. With around 150 responses, these 3 panels brought together around 80+ students for interviews and 15+ students from different institutions. This event hosted 3 companies Techimax, Brings and Talent story from both technical and non- technical aspects. These 3 panels brought together around 80+ students for interviews and 15+ students from different institutions.

WORKSHOPS

There were multiple workshops such as How to Startup In 24 hours, Stock Marketing, Graphic Designing, Digital Marketing, and Android App Development. Each of them taught by people who were experienced with real- time hands-on work.

OPINIONS AND REVIEWS

Inter-Fair was not as expected, it was more of companies coming and giving a brief of themselves while it also had good technical companies who had really taken the time to get quality students .E-talk was a really good event that everyone liked and all of us were inspired by the speaker's energy and vibes. IPL Auction was amazing!

WOMEN'S DAY 2020






It is quite nostalgic to see our professors dance to the beats of Bollywood and Tollywood songs, just the way our School Teachers did for us during Children's Day. This Women's Day, being a unique one, as we are completing two decades of women's rights, accomplishments, theories, parenthood and everything they have done to prove themselves in this world.

United Nations had themed this year's Women's Day as an Equalization amongst all people, no matter where they are from, what they wear, how they look, or who they are? Behind every man, there is a Woman! They are women and they give birth to children, which no man can do. This is something unique and a God's gift to be baring such privilege. They also say, "God cannot be everywhere, so he made Mothers!"

We celebrated this wonderful day along with the rest of the World on 7 th March 2020 in our college premises. We had a series of fun filled events with all the ladies who have been working their days and nights, just to help us students get that job, work on our thesis, or even work on our higher education. Professor Dr. Gyatu Shilakri Asthana; Smt. Rashmi Praveen, Technology Entrepreneur. and Smt. Samantha Reddy, Entrepreneur were amongst the Chief Guests invited to the event. The men were present as well.








Our Director Dr. J. N. Murthy, our Principal Dr. J. Praveen, our Chief Administrative Officer Mr. M. G. Sekharam, the Deans and the Heads of the Departments showed their support by attending this event.

Beginning with a prayer and lighting a to the Goddess Saraswathi Devi, we showed our respect towards Education and Women! The event was hosted and manged wonderfully by Ms. Saroja Rani Ma'am of the Chemistry – Humanities and Basics Sciences Branch. Ma'am had organized the entire event along with the help of other teaching, non-teaching staff and students in a very professional manner.

The event started with the speeches and words by our College Management and then each of the Chief Guests gave in their views and experiences. It's never too late to achieve anything was their main motto and agenda. They believed in what they could achieve, and they did achieve them! Listening to their speeches, every woman present there believed in what success really means through their speeches. It is something, that you feel you have achieved and are satisfied with your result! That is the true definition of success. It doesn't rely on the social factor that you are a woman, and you have to stay indoors or once you're home after work you have to take care of your family.

That's the mindset of yesterday.yesterday. In today's world, every man, woman and transgender are the same. We all are humans, and we all are living and co-existing on this very planet to help and work for ourselves and each other. Our responsibility is to create a sustainable future for the next generations and create a "World full of Equal Mindsets!" These were the words given by every woman who spoke of not just their achievements.

There were dances, songs being sung and the show stopper, the Faculty Ramp-Walk! This was filled with a lot of enthusiasm and spirit when those very lecturers who teach us every day, wore beautiful sarees to show off their beauty and determination! In the evening, all the faculty had indoor games such as a Minute-to-Win-it and won prizes for the same.

Ms. Y. Vijaya Lata, of the Computer Science Engineering Department shared her emotional thoughts, "It feels truly blessed and honored to be a woman and have such great colleagues to make you realize that! We women are happy to have such great opportunities in our college and the support we receive from home is impeccable! We can never thank enough and get such loving Husbands, Children and Parents, who have supported us right from day one and most importantly believed in what we do!"

SPICES

"The heart is where the food is, one cannot think well if one has not dined well."

Keeping this in mind Team spices – the food club of the college provides a space for bonding of lecturers and students. Every year one department takes the initiative to organise a cook-off event. The students and lecturers come together to make mouth-watering dishes using their engineering minds except instead of differential calculus now they conquer the king of the kitch-en-spices. This year ECE department took charge of the event. The ever-dashing Mechanical department pioneered the first place followed by the Civil and Basic-sciences combo team.



The club also organised "Delectable Lovers" during the pandemic period to boost the spirits of the stu-dents using spices. The aim of the event was to cook something delicious using leftovers while also pro-moting the idea of not wasting food.



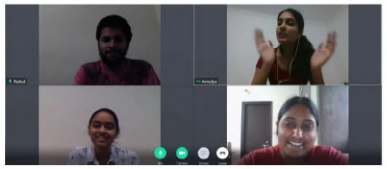


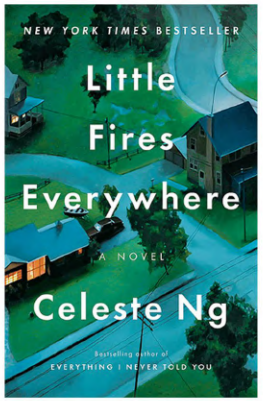
BOOK CLUB

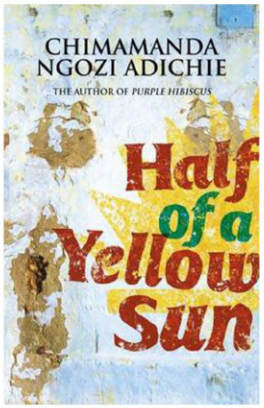
A global pandemic is an unprecedented event for everyone. To escape the bore-dom and harsh reality Amulya, Shravan and Rahul came up with the idea of Book Club for the students of GRIET.

"Books are uniquely portable magic" by Stephen King inspired them to start this small Virtual book club and share the much-needed magic with their fellow readers. The idea was posted on Social Networking platforms. Within a couple of days quite a few people expressed their wish to go aboard and they were ecstatic to kick it off within three days.

A zoom call was scheduled for everyone to get to know each other. That helped everyone to get comfortable and speak confidently. Books, au-thors were discussed. The club had avid readers and beginners too. "Little Fires Everywhere by Celeste Ng" was club's first read. This book talks about diverse topics and mainly focuses on moth-er-daughter relationships and how they evolve over time. Favourite lines from the book, different viewpoints and opinions on the book's main plot points were exchanged by the club members. "The Night Circus by Erin Morgenstern" was the second read which explores the Magical Realism genre.







Ch. Amulya Rao 4th year CSE says, "It is an exciting reading expe-rience given the different genres and authors we get to read and engage in discussions where everyone gets to express their opin-ions. We look forward to more books and reading sessions."

AR DAY: LEARN AND MAKE AUGMENTED REALITY APPS AND GAMES

22 February 2019

The event introduced students to Augmented Reality, its growth and the technologies used. The partici pants were trained hands-on on technologies like Vuforia and Unity3D and built their own AR Application by the end of the workshop



Archana Akula 2nd year CSE says, "The event was very informative and I had always been enthusiastic about game development. We learnt the training parameters, adjusting values, best practices and improving the model with better parameters. Moreover, learning rate, epoch, testing and deploying. I had a lot of fun and the mentor was pretty encouraging too."



Mihir Solanki says, "GRIET's gaming club has evolved from bringing outsiders to conduct sessions to in-house speakers and mentors conducting workshops and seminars. We have trained over 200 students in the last two years. The event's content was sponsored by Unity 3D which has been a partner since 207. We try to engage students who have interest beyond academics in niche fields like Game Development and make them apply engineering principles to game design."
-Mihir Solanki

GAMING CLUB

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING IN GAMES

17 August 2019

The event introduced the participants to machine learning techniques like reinforcement learning and imitation learning. The participants worked on the Unity3D engine. They were given hands on and practical examples and tasks to do in parallel to the instructors. At the end of the workshop the participants had their own machine learning agent which they trained over the duration of the workshop.





Harshitha 2nd year CSE says, "We were taught from the basics so that the foundation concepts were well versed. We learned Intro to Unity Engine, capabilities, platforms, intro to the interface, tools and shortcuts. Installing the ML agents library, it's origin, and source. Intro to the ML agents environment, academy, gyms, brains, and agents. Artificial Intelligence, its origin, use in games and other applications. AI as a subset of Machine Learning. Teaching a computer to think like a human. Real world examples, AI and ML in films and animation, which was my favourite part.Summing my experience I am confident that I am leaving with more knowledge and capability on my first step to create a game."

RHYTHMS

Rhythms the cultural hub of GRIET has blossomed over the years. The last year has seen a lot of progress and participation that hasn't been seen before. The club had multiple performances at all major events and had events of their own. Promoting art and encouraging harmony



SANKALP 2019

SANKALP-2019 is the orientation for the fresher's party of the academic year 2019-20 held in hall 1. As it is the start of their career and journey with GRIET team RHYTHMS performed a prayer song to give them all the support of almighty .The day started with a prayer song that was sung by the Rhythms team to symbolically inaugurate the event.



"We were glad to start off Sankalp with a prayer to the almighty for the Fresher's Party to start off their career oriented education pleasantly and to provide them enough strength to overcome obstacles"

RETRIEVE BAND PERFORMANCE AT THE CANTEEN

Every month on a Wednesday, Rhythms Band performs in the common canteen. With every canteen performance, new members in the band are given opportunities. In this way all the talented students can get a chance to showcase and improve their talent.



"We are very thankful to our Director Dr. J Narayana Murthy Sir to initiate the idea of band performances in canteen every month. We are very happy to introduce new members of the club each time which is a good opportunity for them to improve their talent."

RADIO CITY SUPER SINGER 11

Radio City Hyderabad conducted its annual singing competition: Radio City Super Singer 11 Hyderabad. On this occasion, the team conducted its first phase of auditions in college premises with the help of Rhythms SB. Tarang from 2nd year CSE won the title, Nikitha from 3rd year Civil was the 1st runner up and ex-GRIETIAN Srivatsava was the 2nd runner up.



"We are very thankful to our Director Dr. J Narayana Murthy Sir to initiate the idea of band performances in canteen every month. We are very happy to introduce new members of the club each time which is a good opportunity for them to improve their talent."

The Blood Donation camp was inaugurated by our beloved Governor of Telangana state Dr. Tamilisai Soundararajan. As a part of the opening ceremony, Rhythms team inaugurated the event by singing a prayer song and lighting the lamp.

"It was our privilege to begin the blood donation camp which was organized by NSS GRIET and inaugurated by the Honorable Governor of Telangana Dr. Tamilisai Soundararajan with a prayer song."





G-Talks student body GRIET has organized Ted-Talk of 7 notable people from all over country on 7th of September 2019. As a part of cultural performances, Rhythms band performed for the speakers and students who have attended G-talks.

"Listening to life experiences of the speakers of G-Talks which was quite inspiring. A band performance by us in the cultural session was great."

Rhythms SB organized cultural activities for Pragnya. There were many dance and band performances which included those of Retrieve and Invisibles along with skits and standup comedy shows. Pragnya Culturals provided a huge platform to many talented students to showcase their talent in various fields.

"The cultural session in Pragnya provided many talented students a huge platform to give dances and band performances. It was an amazing experience to perform in front of such an enormous crowd. The power issue was a bit of a problem but the event went well."



PRAYER SONGS AND PERFORMANCES FOR EVENTS

Alumni meet was conducted for the alumni of GRIET at Hall 1. Members of Retrieve band of team Rhythms have given performance for the cultural activities of the event. Introducing new members from SB to showcase their talent.

"As it was the alumni meet, we decided to perform for song that would take them back to their college days. Their dance moves to our performance brought us more energy and that showed that our idea really worked."

The 2 days event, Hackathon, had Dance performances on the 1st day and a Band performance by Retrieve on the second day. The performances gave relaxation to the participants who had been working hard

"The cultural sessions in Hackathon were stress relievers to the students who had been working for hours. So our performance went quite well."



RHYTHMS DAY

On the occasion of Dusshera, Bathukamma was celebrated at 10 a.m. where there was great response from both teaching and non-teaching staff. Many competitions like singing, rangoli, photography, and painting were held simultaneously which had great participation from students. Dandiya was organized from 1:00 p.m. to 3:30 p.m. by providing students with music and sticks where many took part enthusiastically. Following tradition and culture of our country. Bhathukamma and Dandiya were celebrated on a large scale following the tradition.

GOING ONLINE DURING LOCKDOWN:

QuranTUNES and QuarantMOVES were online events which were conducted after the lockdown due to COVID-19 pandemic where the nominee had to sing a song or play an instrumental version of the song or dance to a particular beat with particular steps and further nominate another student. The event was held for a week and there was an enthusiastic response. This helped students explore their talents and beat the quarantine with entertainment.

HeroMania was an online event which was conducted after the lockdown due to COVID-19 pandemic where students did activities like singing, dancing, tictoks and artworks related to their favorite hero of the mentioned and this event was conducted for 2 weeks. This event helped in promoting staying at home and being safe.





"It was wonderful to organize such a magnificent event. Despite many hurdles, the enthusiasm in the crowd made us cheerful

"We had organized a few online events during quarantine to entertain students and teachers during this boring period. We started off with QuranTUNES#anthyakshari which was a musical event, followed by QuarantMOVES which was a dance event, then HeroMania which was about during something related to a particular actor and quaranTUNES#facultyversion which was similar to QuranTUNES#anthyakshari but was exclusive for faculty. We'd received a great response from everyone so far"

Rhythms Team performed a prayer song, fusion dance performance and a band performance with various new instruments like veena, flute, tabla and Cajon. Performers were mostly first year students on the occasion of Annual Day.



"For the annual day, a fusion dance performance was planned which was extremely appreciated by the audience. The prayer song and band performance included many instruments like tabla, Cajon, veena, flute and vocals which was also very impressive."



A band performance and a dance performance was held on behalf of women's day celebrations. This time all the performances were given by girls which included most of the 1st years.

"Teachers performing for this event was splendid. Dance and band performances by our club members in front of such an enthusiastic crowd felt good."

ROBOTICS CLUB



This club is a technology hub for students of all branches. Students learn various technologies and their application in daily lives. This year the Robotics club had 2 workshops- 1. Smart Robo and 2. Drone technology.

SMART ROBO

In Smart Robo, the students learnt the know-how of Arduino Uno hardware, sensors like ultrasonic IR and how to operate a DC motor using Arduino and L2930 motor shield. The end product of the workshop was a well-functioning Obstacle Avoidance Robot.

Sathvik says, “Excellent Place to discover new things and concepts by conducting various workshops and exciting way to attract students towards the field of Robotics.”

DRONE TECHNOLOGY

In Drone technology workshop, students learnt about the basics of designing and handling a drone. The lecture was focused on the internal mechanics and the physics behind the working of the drones. The connections of the ESE (Electronic Speed Controllers(s)) , flight controller, radio, GPS and sensors were also discussed. The uses of drones were definitely the highlight among the students.

Shravya says, “The workshop was very interesting. The propeller dynamic and the calibration of the drone interested me a lot.”



Sai charan says. “Robotics club is the place where we learn lots of new technologies. We implement our knowledge and learn from it. It's the place where all engineers need to take part in Building a robot. In our club we teach students about Arduino IoT. So they come up with new ideas. We learned a lot about how to design a robot of our need.”

The Literary Club of GRIET, SPIRALS, was initiated in-order to enhance the Soft Skills of fellow GRIETians. The club members are students who are interested in literature and are happy to learn more of it. Spirals is known for their flagship event GRIET-Parliament, otherwise known as GP. They conduct events and sessions regularly. The year 2019 has been fruitful for the club with many successful events. Here is the journey map of the clubs adventures concerning this academic session.

SPIRALS

IMPROVACT

As the name suggests the event is based off of improvised acting. The participants were set into groups to create dramas out of given genres and key dialogues. The dramas that followed were hilarious and engaging. The event was held for Second years and up.





Sai Pranavi, the representative of Team SPIRALS says, "Being part of Team Spirals has shaped my life in an extremely positive way. I have been part of the Team the longest, right from my first year. I have seen the club at its best and worst. But every single moment I spent being in this team has made me a better person. A happy person. I have learnt how to manage people, how to accept people and also understood myself. My seniors were the best I could have and I am proud of my juniors. I cannot put into words exactly how much being part of this team made me who I am today. Team Spirals will forever remain to be one of the best experiences of my life."

A student from fourth year, CSE, says, "I participated last year as well. And the this year did not disappoint. I had fun with the genres and the absolutely out of context dialogues. They surprisingly went well together."

SAHAYA NGO TEACHING ACTIVITY

Team Spirals in collaboration with the NGO Sahaya encourages students to take interactive sessions at nearby Government Schools. Team Spirals regularly visits the Zilla Parishad High School, Shamshiguda. A group of 8 student who are members of Spirals as well as other volunteers go to the school to interact and teach the students.

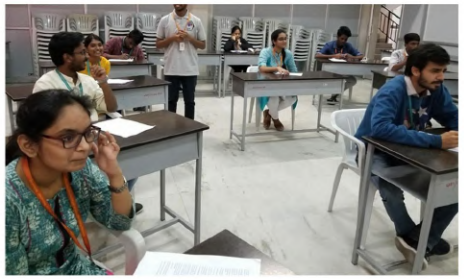


Savitha, a second year student says, "When I first volunteered I wasn't sure what would happen but I am happy I went. I enjoy going to the school and interacting with the students there. It was a one of a kind experience and I made sure to go every other time."

WINGS OF WISDOM

The event was conducted celebrating APJ Abdul Kalam. The event name honouring his book Wings Of Fire. The event was conducted for first years. The event was a small session with interaction and communication. A debate was held on the topic of Science versus Art. Abdul Kalam's influence was discussed and his history. The students collectively agree that he will forever serve to be an inspiration.





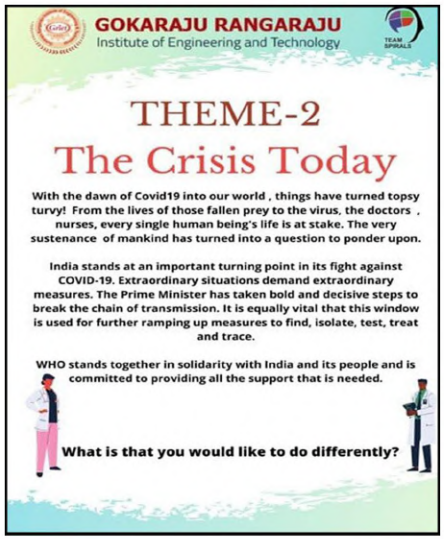
SPIREELS

Spireels was a writing event where the participants were asked to give new twists or endings to their favourite movie or book or comic or series. The event did fairly well with some interesting new twists and some with completely different plots. The event was kept to bring out creativity and give an outlet to students who enjoy writing.

A third year student Sai Raja says, "I am glad I got this chance. I have always imagined different scenarios in my head for one of my favourite Anime Naruto but I never really write it down. This was a fantastic chance for me to actually put it down on paper!"

PANORAMIC PANDEMIC

Panoramic Pandemic was an online event which was held in wake of the lockdown caused by COVID-19. The event took in slogans, write-up's, art, book reviews from students and gave them a platform. The event also had a week of polls which was aimed to bring awareness and also for the participant to introspect and adjust to the situation.



Bharadwaj, First year says, "The session was a welcomed change. They were more about team-building and out-of-box thinking compared to the traditional approach taken by the professors and the education system."

SESSIONS

Sessions is a Spirals classic. Every year for a week Team Spirals goes to the first years to have an interactive session. The session is filled with games which are aimed towards testing and improving literature skills such as listening, writing and speaking. The students are also given brain teasers and puzzles to encourage out of box thinking.





GRIET-PARLIAMENT

GRIET-Parliament also known as GP is the mock of the Lok Sabha. The event is Spirals' flagship event with many participants returning for the second or third time. GP 2020 was a bit different from usually moving from a two party system to a three party one. A moderate, one leftist and the other conservatives. There were two bills discussed one being Municipalisation of Education and the other the Reservation Amendment Bill. The bills were debated about in detail and the participants agreed that the 2020 Edition was the best yet.



Deepthi, Fourth year says,"GRIET Parliament for me as an organiser is my most favourite event I ever organised. I have been part of 2 GP's and both went exceedingly well. This is one such event which brings the team closer. Being an already established event of Team Spirals it is easier to make the event better than before and build it better. Everything from the posters to arranging Party stickers is fun and it is relaxing to see the auditorium being set perfectly. It stays with us forever. If I could go back to college just to do one thing again I would choose GRIET-Parliament."



CLUB





Certificate No:2CTSN4-CE000003

Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)

Certificate of Participation

This certificate is awarded to

Dr.Jandhyala N Murthy

For the successful participation in

"GRIET QUARANTINE QUIZ"

Organized by Team Quizzicals.

Ms.A.Pavithra
Coordinator

Dr.L.Jayahari
Associate Dean Student Affairs

Dr.J.Praveen
Principal

QUIZZICALS

Quizzicals, GRIET's hub to get your general knowledge tested defines quiz as a form of game or mind sport, in which the players (as individuals or in teams) attempt to answer questions correctly. It is a game to test the knowledge about a certain subject. In some countries, a quiz is also a brief assessment used in education and similar fields to measure growth in knowledge, abilities, and/or skills.

The two online quizzes were conducted during the lockdown. The trick was to answer 30 questions in 30 minutes. The quiz covered varied topics like general knowledge, COVID-19 Awareness, Brain Teasers and mythology based.

Nithin a CSE student days, "I was very bored during the lockdown so I thought lets actively take part in all events conducted by college , hence I came across Quizzals Quarantine Quiz. I was skeptical at the beginning whether I could answer the questions, but I did feel the quiz questions were of a very good level covering all topics making sure that it has questions for all. I loved the event overall !"

Lakshmi Manasa a CSE student says, "The quiz helped in recognition of the need for, and an ability to engage in life-long learningand an ability to utilize experimental statistical and computational methods and tools necessary for engineering practice."

Anil a CE student says, "I took part in the quiz 2 as many of my friends took part in the first quiz and suggested me to take part as it was a very interesting event and anyone could take part in it ."

Karthik a IT student says, "I got an opportunity to apply knowledge of mathematics, science and engineering and an ability to function on multidisciplinary teams."

ADVANCED ACADEMIC CENTER

Advanced Academic Centre is a platform for many students with ingenious thinking, who are willing to take initiative and experiment with latest technologies. The body conducts many classes on topics like Machine Learning, Image Processing, Drones, etc. Students have mentors who guide them and have regular sessions with Industry Specialists. Completed projects under AAC are certified. Here is what the body has been upto this past year.

AAC PROVIDED INTERNSHIP FOR 4 STUDENTS ATCSIR-IICT

12th February 2019:

For the second time in three years, IICT has been providing a long term internship to students of GRIET who were handpicked from AAC. Back in 2017-18, four senior CSE students made it, this academic year, 4 students from the department of Information Technology were selected by Senior Scientist Dr. Ramars Amanchy at IICT to find technological solutions for drug research. This arrangement with IICT was possible due to the special affection Dr.Riyaz Syed (IICT Pool Scientist at JNTUH) has for AAC.

AAC AWARDS CEREMONY FOR 2018-19 ACADEMIC YEAR PROJECTS

25th July 2019:

Students in AAC who complete projects under AAC are certified every year at the annual 'Award ceremony'. This year alone around 38 projects were certified. Dr. Andugulapati.V.V. Prasad was the Chief Guest and M.G.Sekharam, the Chief Administrator of Gokaraju Educational Society was the Guest of Honour for the day.

A few moments later,

- The website for AAC was officially launched.
- Shruthi Gutta, a 4th year student, launched her book, 'Internet Of Things'.





ROAD SHOW

AAC had organised the Road Show for the first time which began with the inauguration by the Chief Guest, Guest of Honour and Dean of AAC - Dr. Ramamurthy Suri.

Projects displayed covered real-time domains such as Internet of Things, Machine Learning, Deep Learning, Drone Technology, Web Development, etc.

Some of the major projects demonstrated in the project expo include:

Deep Learning KAR:

This project is based on a Raspberry pi computer, a camera, and a servo shield board to interface with an R/C car. It includes velocity control, shift control, communication, mode management, angle control, steer torque control, exception, pedal control DA/AD.

AI Powered Drone:

This project is an autonomous navigation of drones, both indoors and outdoors. The outdoor applications of this project involve search for survivors in damaged buildings and inspection of railroad tracks in tunnels. The indoor applications involve Indoor Surveillance and stock check on store shelves.

Talking Fingers:

The main objective of this project is to support the deaf and dumb by helping them to vocalise their gestures. It's built using Raspberry pi and programmed in Python. This was done by training models to recognise hand gestures and relate them to the appropriate voice to help convey the message.

RECRUITMENT PROCESS

5th August 2019:

This year the recruitment process was carried out online. 156 fresh B.Tech. Students were inducted from over 700 who registered for the selection process including 18 students from the Lateral entry category (Diploma holders). These students have been subjected to training programs on IOT, Machine Learning, Programming essentials through PYTHON and 3-D modelling using FUSION-360.

"IF YOU ARE TALKING DATA SCIENCE, THERE IS NO SOLUTION, THERE ARE ONLY PROBLEMS AND DATA IS MONEY TODAY."
- SATISH YELLANKI

CONCLAVE ON DATA ANALYTICS BY SATISH YELLANKI

17th August 2019:

A conclave was organized with the theme of the session being "Data Science". Satish Yellanki spoke in depth on, "Becoming Data Science Leaders". He emphasised on the ability to question and handle these questions and conceptualised learning.

He discussed various important topics in Data Science which include the life cycle of Data Mining and Process Flow in structuring the data.

Overall, the experience was very educational; the discussions bore many novel project ideas, due to the clarity imparted by the expert.





AAC LAB INAUGURATION

31st August 2019:

The committee has set up a Lab in the room No.3614 in the Block 3 for conducting conclaves and to carry out research level projects.

Dignitaries present on this day were Chief Administrator of Gokaraju Rangaraju Education Society - Dr. M.G.Sekharam, Principal of GRIET - Dr.J.Praveen, Dean of AAC - Dr.S.Ramamurthy, Head of the Department Information Technology - Dr.K.Prasanna Lakshmi, Dr.D.Indira and Mr.G.Pradeep Reddy along with the AAC student body. Dr.M.G.Sekharam inaugurated the lab.

CONCLAVE ON TECHNOLOGICAL CONVERGENCE

21st September 2019:

A conclave called "TECHNOLOGICAL CONVERGENCE" was held between 1:30 PM and 5:00PM in the focused areas of satellite and medical image processing and drone applications.

Going by the feedback received from the participants, the conclave proved to be a great learning experience, especially for the 3rd and 4th year students, who were in need of challenging problem statements. Overall, the experience was very enriching.

INAUGURAL OF MAJOR PROJECTS FOR 2ND AND 3RD YEARS

All 2nd and 3rd year students had begun working on complex statements (all being quite a challenge) that were presented to them by assembling in teams and taking a few weeks to complete.

INAUGURAL OF MINOR PROJECTS FOR 1ST YEARS

The 156 fresh B.Tech. students and 18 students from the Lateral entry category (diploma holders) who entered the institute with good hands-on skills underwent rigorous training and hands-on practical training programs in their areas of interests i.e.; on IOT, Machine Learning, Programming essentials through PYTHON and 3-D modelling using FUSION-360. All training programs are conducted by senior AAC student members. And post training they were assigned mentors who guided them to complete their projects.



A first year says, "In my life AAC was really been a wonderful thing. When I heard about AAC, I was constantly endeavouring to be part of it because of its teaching methods, principles that were consistent."

A third year ECE student says, "AAC offers an excellent platform for ingenious thinking students, who are willing to perform some wonders in experimenting with the new technologies. Since it started, it has been focused on the outstanding tradition of training students to become skilled and compassionate researchers. It has provided me with a stress-free learning atmosphere that promotes way of thinking-out-of-the-box and thus contributes innovative solutions."

Poojitha says, "For me, being part of the student body of AAC experienced a great deal that can't be expressed in words. In addition to daily studies, I was able to handle the committee's operations, after I entered AAC, learning new technologies has become a passion."

A second year CSE student says, "The atmosphere is friendly and opened me up to various issues in society and therefore be able to think of an appropriate solution."

COMPUTER SOCIETY OF INDIA



TECHNICAL TALK

Neuroscience in artificial intelligence

CSI Student Chapter organizes many events which are a collection of knowledge,learning, and fun-filled technical and non-technical events.With innovative projects, enlightening about current trends and interaction with the outside world, social responsibility is built among students for the benefit of humanity.

The talk analyses information regarding Neuroscience in Artificial Intelligence and its importance.The main purpose of the session was to impart and expand knowledge on Neuroscience in Artificial Intelligence to help doctors, scientists, and engineers in many ways. By understanding the biological brain, they could play a crucial role in building intelligent machines.

"The session was an eye-opener for many beginners in that field, it helped understand the depth, knowledge and passion one must have to excel in this field. ", anonymous





TECHNICAL TALK

Autonomous Driving and Artificial Intelligence

The main intention of the session was to help construct a career in autonomous driving and artificial intelligence during a brief session by Matt Lubbers, Director of Systems Engineering at Voyage and,Tara Van Dyken, Senior Talent Acquisition at Amazon.

"This session was may be more into mechanical but was very informative.", anonymous



TECHNICAL TALK

Smart QA

A Guest lecture was conducted on the topic of SmartQA and the importance of clean code, by interaction with Mr.T.Ashok Thiruvengadam Founder & CEO, STAG Software Pvt Limited-Bangalore.

"In this talk, we were coached on how to think better, write clean code, test smarter, and deliver value and not just code."











TELANGANA STATE STUDENT CONVENTION

The CSI GRIET SB conducted a State Convention in the fall of 2019. It was the first-ever CSI State Student Convention that was hosted in GRIET. The theme was AI-Driven Human life.

"The convention was organized well; the events were very useful and were a boost for the beginners in that field."
"If it were conducted at different time maybe it would have been more impactful, but on a whole it was satisfying."

The event primarily consisted of four events:

1.PROJECT EXPO
It was a platform to exchange competitive ideas for real-world implementations of one's ideas.

2.WEB DESIGNING
An event that aimed to bring out the innovative side of a student by using technology as a platform. It was a showcase of who could bring their vision to light.

3.POSTER DESIGNING
A platform to present one's creativity in a visual format in the most artistic way. To go back to the paper in this era of digitization.

4.CODE DEBUGGING
An engaging event which involved the application of the Debugging process to determine the right code, within a fixed time constraint.



INDUSTRIAL VISIT TO T-HUB

INDUSTRIAL VISIT

" We were given great insights about T-Hub, entrepreneurship, and the start-up culture in India."

Ms.Aisheeta, T-Hub's community lead stressed an important point that whenever a person starts a venture there is only a 3% chance of the venture to be successful.This happens because most of the start-up aspirants directly jump into developing the product by skipping the validation phase of the start-up.



CODE MOJITO

CODING EVENT

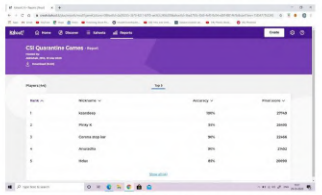
"The first event for us, very interactive and knowledgeable."
"The organizing was a great, very satisfying event. Looking forward to more such events."

A dive into code for students was the intention behind this event. Conducted under XKERNAL'20, Code Mojito displayed the fun side of coding to the juniors. All of the various rounds made them think outside the box and compelled them to strive harder to crack the code.



OUT OF THE BOX CODING

Students were made to solve handpicked problems to level up their coding skills. The motive behind conducting this session was to improve the participant's foundation in C programming by brushing up their basics and making them solve questions on a competitive platform called Leet Code.



QUARANTINE QUIZ

With the quarantine upon our heads, all the students turning lazy and their brains turning into indolent bugs the SB conducted 'KAHOOT' an online quiz competition based on coding



STUDENT BODY MEETING

To introduce CSI, its tasks and events to the new first-year members of the CSI GRIET SB we conducted a student body meeting.

It consisted of a Technical Addressing on the importance of coding and several interactive sessions, both technically oriented as well as non-technically oriented.

E-CELL

T-HUB

T-Hub is an industrial visit conducted on 24 September,2019 by EDC department of E-Cell student body, GRIET, coordinated by Dr. D. Indira, Dean of EDC. The students were greeted by an eminent person from the T Hub marketing team. Initially, there was a presentation on how T Hub helps to incubate start-ups and how can a start-up which is in the seed funding or series funding stage can get into the T hub incubation program. We were educated about the sister incubation centres of T Hub such as T works. Then we were taken for a tour through the co-working space which was very ambient for working professionals and had world-class facilities. The participants for industrial visit are 1 faculty and 37 under graduation students.

"We were immensely happy towards our Director Sir for having us conduct an industrial visit to T-Hub and letting us get in-depth knowledge on start-ups."

INTELLECTUAL PROPERTY RIGHTS

IPR is an independent workshop conducted on 27 September, 2019 by EDC department of E-Cell student body, GRIET, coordinated by Dr. D. Indira, Dean of EDC. The session began as Dr. N. Sri Lakshmi, Ex- Registar of NIMSME and CEO of IQSDME, explained about marketing systems and process management approaches for developing a product. Workshop was attended by 114 UG students, 26 PG students and 15 faculty. Briefing about the different types of Intellectual Property Rights which was followed by the knowledge of filling IPR's and the ways to leverage the ideology of filling a patent to market our idea. As the session approached towards an end, we were addressed by our Director, GRIET. And followed by the National Anthem to close the event.

"We are grateful for the honourable speakers and Dean to make this seminar successful and leave us nourished by the knowledge on Intellectual Property Right."

THE INDUS ENTREPRENEURS

TIE is an independent talk conducted on 23 December, 2019 by EDC department of E-Cell student body, GRIET, coordinated by Dr. D. Indira, Dean of EDC. Speaker of hour were Mr. Subbaraju Pericherla, Mr. Venu Madhav Chennupati, Mr. M. Sai Karthik. 7 faculty, 119 UG students were the participants. The forenoon session began with a detailed seminar based on the basics of entrepreneurship by TIE Grad, which was succeeded by an Idea competition. In this intense filtering was done on the basis of each teams' ideas and constructive feedback was given.

"The talk conducted on Entrepreneurship was a success amongst students and faculty."

ENTREPRENEURSHIP TALKS

E-Talks is an independent talk conducted on 29 February, 2020 by EDC department of E-Cell student body, GRIET, coordinated by Dr. D. Indira, Dean of EDC. The speaker being Mr. Siddharth Kukatlapalli, Co-Founder and Chief Business Officer at Syntizen. Amongst the participants were 3 faculty, 331 UG students. The participants have opined that the session is highly motivational as it included a lot of key points for the future entrepreneurs.

"The event E-Talk is a part of E-Summit event, which is one of its kind, focussed on Entrepreneurship. This is the first time a college has ever conducted, apart from IITs. Numerous Workshops, Events, Intern Fair and fun games. Many honourable speakers and even more students from various colleges were part of this event. The event was triumphant."











STUDENT BODY









GREEN CAMPUS

'Green campus' is a concept which stands for the efforts to establish environmentally sustainable practices in any institution. Its goal is to diminish the impact of ecological footprints by implementing the principles of sustainability at every level of institutional functioning.

GRIET's environment makes an aesthetic impression on those who step into the campus while simultaneously presenting the pedagogical/academicals mission. Consequently, students along with faculty learn and live on and around campus to gain a new dimension to their learning and teaching experience and an increased appreciation of the natural world.

GRIET has undertaken a "Green Campus" initiative seeking to take a holistic approach to campus sustainability. Its main focus is on campus flora fauna, solid waste management, alternative energy resources, etc.

Its aim is to sustain all Natural resources by creating an Eco-friendly environment on the campus there by adopting the Engineering Technologies and Energy conservation methods.

Here are the events and drives conducted by Green Campus this year to follow up on their mission.

HARITHA HARAM

Haritha Haram is a large-scale tree-planting program implemented by the Government of Telangana to increase the amount of tree cover in the state from to 33%.

On 15th August, the Principal, Director and CAO along with faculty from CSE Department planted 200-300 plants near 4th block of the campus

On 17th August, the Commissioner of GHMC M. Dana Kishore, IAS visited college as the chief guest of the event, Nearly 200 plants were planted on that day by the students. This event was conducted by the Green Campus Student Body under the supervision of Co-ordinator of Green Campus and Dr.Padma from ECE Department.

On 22st August, 100 plants were planted by the first-year student near 3rd Block of the Campus.

Vaishnavi second year student from IT, says, "I'm proud to be part of this. I felt like I was doing my part for the enironment."

GOKARAJUPURAM

Presently our generation is completely lacking old rural traditions knowledge due to the modern living in the city and busy lives. To not let this grow, to not let the rural traditions die Street Cause and Green Campus, student bodies of GRIET has conducted an event GOKARAJUPURAM on 12th October 2019. A village atmosphere was bought into the college with bullock cart rides, rangolis, hut stalls, scarecrows and many more. Games like thokudubilla, gilli danda were conducted too. Stalls from Shilpararam were put up selling sarees, jhumkis, etc. In many villages, villagers are into religious practices and beliefs, so a Pochamma Devi idol was put up and everyone showered their devotion through 2-1 prayers, dance, breaking coconuts, etc.
By bringing a rural atmosphere amidst the modern-busy culture, all the faculty members became nostalgic by remembering their childhood days. Students were reminded of the peaceful atmosphere a rural area has. A Sankranti festival special sweet stall was put up.

VANABHOJANAM was organized for all the faculty members of the college. Everyone ate on a banana leaf and remembered the importance of eating on one. All the attendees were immensely satisfied with the experience and loved the delicious food.

RUN LIKE HELL

Green Campus and NSS organized a 2K run for students and faculty on 22nd February 2020. The main motto to organize such events is to inculcate importance of being healthy and making out a balance in life.
Around 300 students and faculty members participated enthusiastically in the run. The winners were awarded with medals. Yoga and meditation too were performed by state level champions. The event was succeeded by a fitness challenge "straight plank". Fruits were also distributed to encourage people to eat healthy as they are a rich in many vitamins.







ECO VOLUNTEERING

The Green Campus team came up with an event, Eco Volunteering. The intention of the event was to spread awareness and help those in need. The event stretched from 24th March to 5th April. Several activities were encouraged. Activities which were based on general awareness, general activities which encourage hobbies and social service. These activities included. Tutorials on how to make mask of handkerchiefs, Doodles based on the current situation and saluting social service workers, Quotes encouraging Unity in disparaging times, DIY's tutorials to make useful things out of waste, To make healthy shakes which keeps our immunity strong, Lighting diyas as an act of unity and Slogan making contest.

Green Campus has indulged in many more activities through out the year like reducing energy consumption by spreading awareness through posters and banners in each department, conducting eco-friendly Ganesh idol competition and distribution on the eve of Vinayaka Chaturthi, conducting competitions and seminars on environmental issues and observing Green Campus day on every Wednesday, disposal of dry waste like books, papers, other paper items through ICT. And they are constantly putting their efforts in making earth a better place to live.

Shruti a 2nd year CSE student says, "I feel that the college must conduct more of such events so as to bring awareness to the students regarding a healthy lifestyle which is often ignored as we keep hustling and keep ourselves busy all day in work."

Akhila 1st year ECE student says, "I was thrilled when i came to know about such events being conducted in the college. I loved the enthusiasm and huge participation by students and faculty members. I hope more similar events take place in the campus in order to raise awareness about a particular cause."

INDIAN CONCRETE INSTITUTE



To fulfill the need for enhancing teaching and learning environment in the department and to offer its students a regular exposure to current industrial practices, it actively promotes growth of concrete construction and its sub-specializations. Here's the journey we experienced this year.

ICI FIELD VISIT

Civil engineering is the oldest and the most classical branch of Engineering, playing an important role up to the life end. Without a strong beam and slab a building is impotent. Knowing the right measurement and materials to be used completes a civil engineer. So, Indian Concrete Institute (ICI) student chapter organized a field visit on 4th July 31, 2019 to gain field knowledge regarding concrete works. 68 students along with one faculty visited the construction site of GRIET Boys Hostel campus.

Poojitha a 3rd year student says, "This visit helped me to learn and gain knowledge on how the concrete work of beam and slabs are done. This has also helped me to understand my professional and ethical responsibility."

CIVIL SYMPOSIUM

ICI GRIET Student Body (SB) conducted the Civil Symposium 2019 on 27th of September which was "Bigger and Better" compared to previous years.

In a nutshell, Indian Concrete Institute(ICI) is a National Civil Engineering Organization that has been a dream platform for many professionals and students to showcase their works. Like any other National Student body, ICI has their sub-groups and societies in various colleges across the country, including ours.

At the beginning of the academic year, the SB along with their Faculty and the Head of the Department, Dr. V. Mallikarjuna Reddy has planned and organized their department's major event on a large scale. During its inception, the team had conducted this event for their department and its students. Understanding the student's feedbacks and implementing most of their suggestions, the event has blossomed into a successful story.

Not just GRIET, but even CMR Group of Institutions, Vardhaman College of Engineering, Vasavi College of Engineering, Jawarhalal Nehru Technological University, B. V. Raju Institute of Technology, Vidya Jyothi Institute of Technology and Sciences and Malla Reddy College of Engineering were among the participating colleges. A total of more than 120 registrations were recorded from these participating institutes, including our college's participation summed up to a 300!

Showcasing their designing skills and technical knowledge was profound in the participants whilst playing the Quiz, Debate and Make Your Titanic.

The real talent was proven while the faculty individually questioned the teams and its members during the Wealth out of Waste event. Students created beautiful models and managed to bring over to the college carefully. A 2D Model Designing challenge using AutoCAD Software was conducted along with a guest lecture by an industrialist from Ultratech Cements.





A student from CMR Technical Campus College, Harish said that they found the entire experience to be flamboyant and enriching, as they were craving for such an opportunity to portray their knowledge and designing skills!

Two of the SB members, Murali Krishna and Poojitha, 3rd years of our college commented saying that, it was extremely well organized and effectively executed. The registrations were significantly more than what they had expected.

Dr. Lavanya, of our Civil Department found it to be extremely innovative as to introduce the event Wealth out of Waste, as she felt it to be an informal Project Expo of the Students Ideas and developments.

Mr. Prakash said that the event not only portrayed our college's hard work, but putting together all the dishes in the a-la-carte was an innovative one, and being tasted by other cuisine fanatics was also a very successful move! Referring to the events and the students from other colleges.

INDIAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS



Indian Society of Heating, Refrigerating and Air conditioning Engineers is strictly a technical student body as the name suggests and focuses mainly on developing technical and industrial skillsets of the students. This body in our college started only two years ago, which was a part of the larger community and since then it has helped people who were interested in these fields. The body is known for organizing seminars and webinars as well as industrial visits for hand on experience.

HVAC&R INDUSTRIAL AWARENESS FOR STUDENTS

ISHRAE Deccan chapter conducted an Industrial awareness for students by Mr. Aslam Shareef an eminent speaker and CEO of OLIVE CONTOL SYSTEMS who has an electrical engineering by profession and has 8 plus years industrial experience in this field.



THERMAL INSULATION SYSTEMS FOR ENERGY EFFICIENCY AND GREEN BUILDINGS WEBINAR

A webinar was held by Mr. K.K. Mitre is a Science Graduate with Post Graduation and Master in Business Administration and has 30+ years experience in the field of Thermal Insulation and working as Sr. Vice President in Lloyd Insulations (India) Limited. He talked about how energy efficiency systems are a focus in the industry and how the whole industry is trying to shift to greener solutions.

BUILDING AUTOMATION SYSTEMS, IOT AND DATA ANALYTICS WEBINAR



A webinar on Building Automation Systems, IoT and Data Analytics was held by Mr. C. Subramaniam who is a graduate in Mechanical Engineering from IIT, Madras. He is a LEED Accredited Professional in Building Design and Construction, Director at SSS Consultants and offers consultancy services in the field of Integrated Building management Systems 8 HVAC, Sustainability, Green Buildings, Energy Modelling, Commissioning Services & LEED facilitation and has 34 yrs of experience in the Industry.

A student says,"It was interesting how we can apply IoT to generally used appliances. The webinar was very different."

MULTISTAGE COOLING WEBINAR

A webinar on Multistage Cooling was held by Mr. Richie Mittal who did his Masters in Thermal Engineering from Delhi College of Engineering, Bachelors in Mechanical Engineering from BITS Mesra. Mr Mittal has served as a volunteer for more than two decades in ISHRAE and ASHRAE and currently, he is holding the position of National President - Elect in ISHRAE. Second years were the majority of the audience.

ROLE OF BIM IN HVAC SEMINAR

On January 31st 2020 ISHRAE Deccan chapter conducted a Distinguished Lecture on the role of BIM in HVAC by Mr.K Chandrakanth Assistant Professor, JNAFAU,Hyderabad. The whole seminar was focused on giving a clear idea on BIM. At 12pm the lecture ended with a token of appreciation given to Mr. Chandrakanth by Dr. N Sateesh .

A second year student Rahul says, "It was an educational webinar. It was interesting to know how to distinguish between the heating and cooling systems and how it works."



INDIAN SOCIETY FOR TECHNICAL EDUCATION



The Indian Society for Technical Education is a national, professional, non-profit making Society registered under the Societies Registration Act of 1860.The ISTE at GRIET was started in the year 2004. The faculty , students and management of GRIET took keen interest in establishing ISTE student chapter, GRIET. ISTE has been very active in promoting the ideals for which it was embarked. ISTE conducts various co-curricular activities which redress with the changing curriculum and educational processes. It has always tried to improve students' technical prowess, and bolster them to put their learning into practice.

ZENITH

The event Zenith was a technical event that focused on participant's technical knowledge of their core subjects and also tested participant's logic, reasoning, and aptitude. The event was divided into three rounds. The first round focused on three levels of difficult questions. The second round dealt with Logic gates and in the third round teamwork, competitive skills, and aptitude were focused. The event started with segregating participants of CSE/IT and ECE/EEE on two different panels. Each team consisted of two players. The first round named as 'TECH-BOUNCE', the second round named as 'LOGIC GATE' and the third round named as 'ALL ON BOARD'.

Manasa, second year IT student says " The event was very apt with their technical knowledge. It was fun and the ISTE team was very warm and friendly ."



WORK-LIFE BALANCE (SEMINAR)

The session started with the introduction of the speaker, Dr. P. Swathi, Department of Psychology, Osmania University. Ma'am started the session by interacting with the faculty and asked a few reasons for the stress caused to them. DR.P. Swathi quoted that "The only person without stress is the dead person" by Hans Selye (father of stress research). DR. P. Swathi made the session very easy to understand and also tried to interact with everyone. She then explained ABC strategy for stress buster which is A = Awareness, B = Balance, C = Control. She discussed how to apply this ABC strategy in daily life to reduce stress.

Lakshmi a 3rd-year student says the session was extremely helpful for students to cope up with stress on a daily basis. It takes a few steps to combat stress and this will help in improving our overall performance

PASSPORT SEVA CONNECT PROGRAM

Passport Seva Student Connect Program was conducted in association With Tata Consultancy Services(TCS) in order to provide the students of 3rd, 4th Years, and staff an opportunity of application of a new passport or renewal of the passport and also enable awareness of the passport application process. The event was handled by the initiative of the TCS team with the support of the GRIET faculty. The students were initially notified to bring the necessary documents for the verification procedure – Aadhar card, 10th standard memorandum, Custodian, Pan card.

Karthik, third year CSE student feels that more of such events need to be conducted by the college. With such events, the students get a lot more knowledge which otherwise would have been difficult to gather by themselves.

FIELD TRIPS

Industrial Visit to NRSC Balanagar

ISRO has planned for a yearlong program for commemorating the birth centenary of its founder father Dr. Vikram A Sarabhai and a program named Vikram Sarabhai Centenary Programme was held at NRSC Balanagar. The program includes exhibitions, competitions to school children, journalism awards and speeches by eminent personalities. Seven wonders of the universe: Pulsars: Cosmic clocks, Black holes, Gravitational lens, Cosmic Microwave background radiation, Gamma-ray bursts, Quasars, Dark matter.

Isha,3rd year IT student says" The trip was amazing and this is the place for science geeks. I wonder how things such as these were even found. I had my jaw-dropping in the exhibitions. It was definitely worth my time and I shall remember this forever !"

Combined Graduation Parade

The Airshow included a colorful march-past on the ground and amazing aerobatics in the air by various aircraft of Indian Air Force here to mark the combined graduation parade of 152 flight cadets as Flying Officers of the Indian Air Force. A total of 152 flight cadets, including 24 women, graduated as Flying Officers to join the elite cadre of the Indian Air Force. The stimulating occasion was witnessed by the family members and friends of passing-out cadets, as well as senior serving and retired officers from the services.

Zafra, third year IT student says " It is my second time visiting an Airshow by The Indian Air Force, it has always been a wonderful experience coming here. The speeches are inspiring because we get to know a lot about this sector of the government ."

Air Show

Air Force Academy is Indian Air Force's premium and prestigious officers training establishment and the Combined Graduation Parade (CGP) marks the graduation of the young cadets into well-groomed commissioned officers of the Indian Air Force. The event showcased immaculate drill movements by cadets in the parade, precision coordination, and the breathtaking performance by the Indian Air Force.
The Airshow included a colorful march-past on the ground and amazing aerobatics in the air by various aircraft of Indian Air Force here to mark the combined graduation parade of 152 flight cadets as Flying Officers of the Indian Air Force.

Neha says that the trip was organized well by ISTE, moreover, the trip gave her insights about the Air Force, the hard work, and the perseverance shown by the young cadets. She was inspired by hearing their speeches.

Industrial Visit to SEBI

A visit was to impart a basic understanding of the security market. The speakers very well explained to us the objectives, functions, and powers of SEBI. The Securities and Exchange Board of India (SEBI) is a statutory regulatory body entrusted with the responsibility to regulate the Indian capital markets. It monitors and regulates the securities market and protects the interests of the investors by enforcing certain rules and regulations. SEBI caters to the needs of three parties operating in the Indian Capital Market: 1. Issuers of Securities 2. Protects the Interests of Traders & Investors 3.Financial Intermediaries.

Prashant, third year CSE student says "The trip was planned perfectly and I wanted to know about Security Markets for a very long time. What better way to know when your college is itself helping you out !"









TECH TALK

The session started with the introduction of Speaker Prof. A. Radhanand. It was attended by students and also faculty of the Electrical and Electronics Engineering Department. IoT is a network in which all physical objects are connected to the internet through network devices or routers and exchange data. It allows objects to be controlled remotely across the existing network infrastructure. He mentioned that it is a good and intelligent technique that reduces human effort as well as easy access to physical devices. He then explained about LoRa, short for long range which is a spread spectrum modulation technique derived from chirp spread spectrum (CSS) technology. These devices and wireless radio frequency technology is a long-range, low power wireless platform that has become the de-facto technology for Internet of Things networks worldwide.

Pratyusha, second year ECE student says, " I got to know a lot about IoT and its application in everyday life ."

ISTE GATHERING

The ISTE student chapter of GRIET conducted ISTE Gathering to recognize their distinguished contribution to the ISTE student body. They were granted a Letter of Appreciation which included their post and their dedication towards ISTE.

The event started with the introduction speech by our faculty coordinator A, Vinay Kumar Sir. Sir told about the start of ISTE, which included the Mission, Vision, and Objectives of ISTE. The events conducted by ISTE in each term were categorized. The letter of Appreciation was provided to the ISTE TEAM individually by our Director Dr . Jandhyala Narayana Murthy Sir, Head of the Department Dr. J. Sridevi madam, faculty-coordinator A. Vinay Kumar Sir.

Sreeja, second year CSE student says "I feel very happy to be an apart of ISTE. It amazing to see such a great bond among the team. Their sense of unity is clearly evident in their work. Looking forward to having a great time here !"



APP RUSH

The lockdown has given students an opportunity to do something creative or learn new hobbies or any core subject. The students are using the same applications which are Instagram, Whatsapp, Facebook, and Youtube. Students spend most of their time using these apps and there is nothing effective to learn. ISTE Team came up with an idea of App Rush where every day two videos are uploaded on the Instagram account of ISTEGRIET. These videos are made by the ISTE Team which included a new app discovered by us. These apps were consist of different learning things and also related different hobbies. The apps were "solo learn", "Any Books", "Medium", "QuizUp", "Compiler".

Sreeja, second year CSE student says" Using the videos posted by ISTEGRIET on Instagram, I got to know a lot of videos and how much of use they could be if used efficiently. I installed many of these apps to explore learning!"

WEBINAR ON CHAT BOT DEVELOPMENT USING NLP

The session started at 10:00 AM with the introduction of the speaker. Students, who have registered through the Google forms, have attended the online session on CISCO WEBX platform. Mr. Dileep started the session with a crisp discussion on what Natural Language Processing is and its importance and role in making Artificial Intelligence more reliable for business and more reachable for users over the world.

Sir mentioned how it can reduce the efforts and assist the users and answer them by analyzing their opinions and emotions much closer to a man in the place, with the help of various algorithms available and this is how, chatbots are now replacing human call services, reducing the costs and efforts and at the same time increasing availability of services to the users, which was then a bit difficult, and thus gaining user-satisfaction.



INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS



The GRIET Student Branch of the Institute of Electrical and Electronics Engineers is one of the Technical Student Bodies of the college. They are known to have conducted many important and educational workshops, industrial visits and technical talks by bringing in industry professionals for students to interact with.

TECHNICAL TALKS

Navigating to build a career in AI
The talk was given by Matt Lubbers, Director of Systems Engineering at Voyage and Tara Van Dyken, Senior Talent Acquisition Leader in Amazon. They have discussed about understanding of professional and ethical responsibility.

Neuroscience in Artificial Intelligence
The talk was given by Dr. Venkateshwarla Rama Raju, Principal of CMRCET. The intertwined history of the fields of neuroscience and artificial intelligence (AI) was discussed. How to better understand AI by studying the biological brain was the theme of the talk.

Talk on Data and Consent
The talk was by Mr. Anil Rachamalla. The session was an eye-opener to all the students as it brought them awareness about the serious cyber crimes happening around.

Electrical Safety
The talk given by Dr Rajeev Kumar, IRSEE officer Sr. divisional Electrical Engineer in South Central railway, Hyderabad Division. The talk was about the various hazardous accidents caused due to power consumption and how to avoid them. Safety measures we discussed, statistics and facts were put forward.

Electrical Safety Challenges in Distribution Systems
The talk was given by MR. SREEKUMAR NHALUR of Prayas (Energy Group). The objective was to understand the cause of accidents and promote measures to reduce them. The first step was to understand where and why the accidents occur, and who are the victims. Some ideas have been put forward by Project D-FEAT initiation by IEEE.
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SEMINARS

IEEE Student Body Meet

The Student Body Meet was held to welcome all the new members. The speaker was Sri V. Vijaya Rama Raju, IEEE PES chapter student branch counselor, the seminar briefed the students about the importance of Student bodies in any college and how IEEE aids them and how it is leveraging technology for the greater good. And about how it can benefit them with publications, conferences, technological standards, professional and educational activities are highly cited because of its global remark.

WOMEN IN ENGINEERING Awareness Talk

The event was to raise awareness of Women In Engineering. How far they have come and how there is still so much to do to make room for brilliant minds. The event commenced with an informative session by Dr. J. Sridevi, WIE AG Counsellor. She briefly explained about the benefits of WIE in our community and encouraged the young students and the faculty members to avail these benefits at the earliest.









WORKSHOP

Image processing using OpenCV

The speaker was, Mr. Vishnu Peesapati is a student of GRIET, IV year CSE Department. OpenCV was introduced and the principles of how colours are caught by the human eye and how to use the concepts of pixels, resolutions, etc on Google Colab and Python.

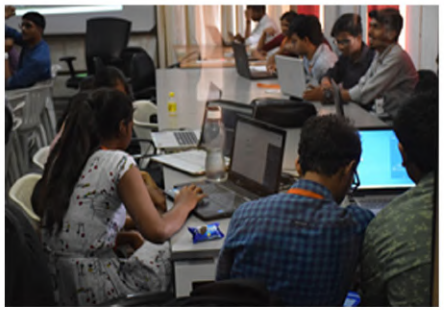
INDUSTRIAL VISIT

L&T Metro Field Trip

IEEE GRIET SB-PES chapter conducted the field trip to L&T Metro in Nagole. The main objective of conducting the field trip is to bring awareness about the working, modeling, construction, and supervision of Metro Railway using the upgraded technology.









A student, J Abhilash said," The workshop was informative and presented in detail."

Anothr student, P Karthik said,"It has given me basic information on python and image processing and will be very helpful in the long run ."

One student, Lakshmi from Second Year says, "This Field Trip was eye opener . The metro's system was surprising and was complex. The signals and the system of how the trains work themselves automatically is fascinating. I learnt a lot. I am looking forward to learn more."

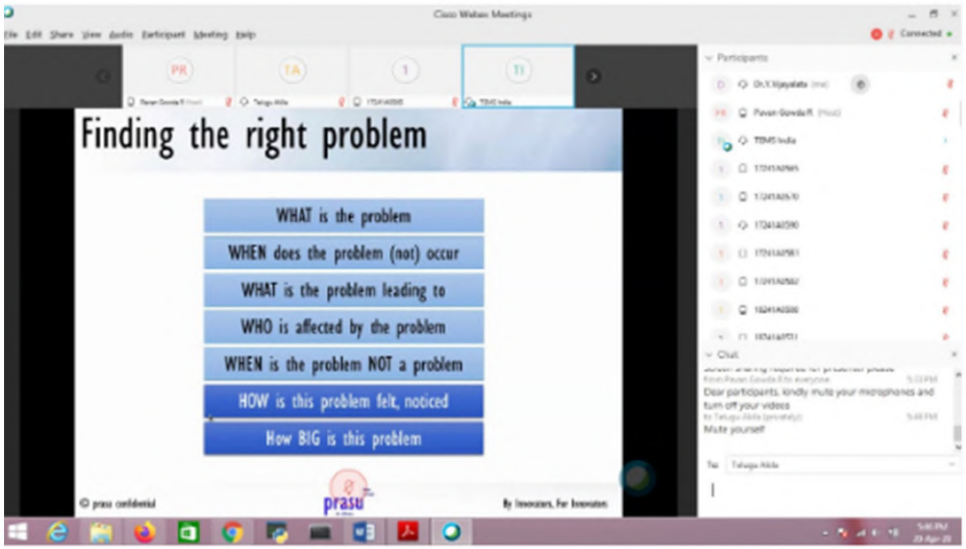
This year with the Lockdown in place for the majority of the II Semester due to the COVID-19 pandemic, the IEEE Student Body took to webinars to further help the students. Having various Speakers and a spectrum of topics. They also conducted non-technical events to encourage students and have the students connected..

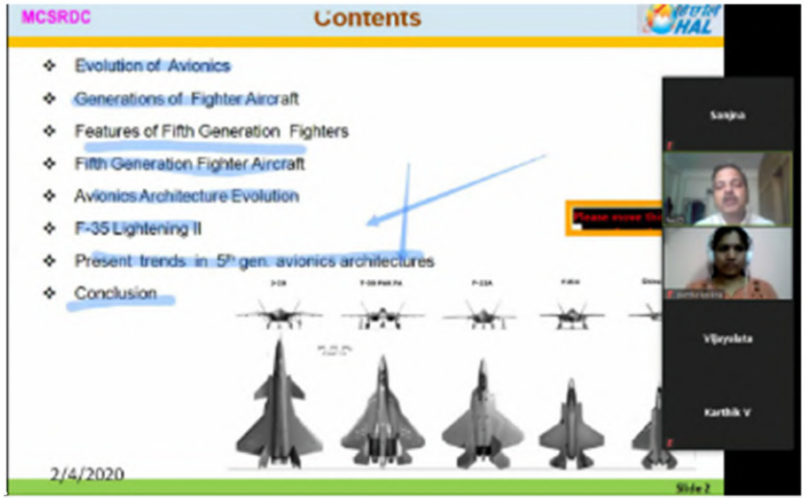
Events like Puzzel Days , a quiz competition, Living Rooms Got Talent and Energy Bingo were played to keep the students busy and keep them occupied during the lockdown.

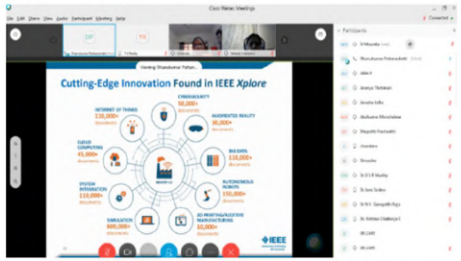
WEBINARS

- 5th Generation Aircraft Avionics by Dr. D. K. Sunil, HoD Communication, Strategic Electronics Research & Design Centre, HAL, Hyderabad.
- IEEE Xplore- Delivering Research Better Than Ever and IEEE Xplore-Boosting Every Aspect Of Your Career by Mr. Dhanukumar Pattanashetti.
- Digital Parenting by Mr. Anil Rachamalla.
- Natural Language Processing (NLP) by Ms Gayathri Peesapati, a student of GRIET.
- Pitching Innovative Ideas by Dr Sudeendra Koushik, Chief Innovator PRASU, Innovation, Mobility, Chairman TEMS India.
- Importance of Healthy Living and Nutrition by Mrs Indira Head Chef and Nutritionist of Hyderabad Ruchulu.
- Introduction to Drone Technology by Naga Pavan D, a 4th year ECE student of GRIET.
- IEEE Education Society- More Electric Aircraft by Dr Gaurang Vakil.









Jhanavi, a II year ECE student says, "As a student of GRIET, I have only heard good things about IEEE GRIET SB in the campus since my first year. I was already aware of the fact that IEEE is the world's largest technical organization, but I was interested in joining the student body only after noticing their work and the events they offer always stand out from the rest. I am a relatively new member to the SB, but from my time as being the vice secretary of CS chapter, I can confidently say that IEEE GRIET SB leaves no stone unturned in making sure that it pushes the boundaries of the students with its talks, workshops and other events on various innovative technologies that are actively organised every month.

The members of the SB are very welcoming. I have learnt to manage and organize events with the help of my seniors who have been extremely supportive. Each member's opinion about details regarding any event is always taken into consideration before proceeding. The team believes in collaborative spirit which is almost indispensable as it helps us boost our performance while conducting events.

With the guidance of our student counselor, Dr. Y. Vijayalata, we have also successfully organised webinars on advanced topics to keep the students up to date with the technological innovations even during the lockdown crisis for which we've witnessed an amazing response and participation from the students. We had also lined up quite a few events for the students before the lockdown was announced. So, I look forward to organize and work with my team offline again after the lockdown is lifted."

INSTITUTION OF ENGINEERS



The Institution of Engineers (India) (IEI) is a national level organization for engineers in India. There are two student chapters in GRIET.

IEI - CSE

The CSE Student Chapter, opened recently in GRIET, went on a field trip and conducted a guest lecture.

The lecture was about an app - CitizenChat, a platform that connects the users on a global scale. It helps one to post their ideas and projects to the rest of the platform while it could potentially find them a job. It has a translator and is the business insider for Science Students.

The field trip included visits to the Council of Scientific & Industrial Research Labs (CSIR) at Tarnaka. After an informative tour, the students continued to the National Geographical Research Institute (NGRI), Centre for Cellular & Molecular Biology (CCMB) and Indian Institute of Chemical Technology Labs where many projects and models were showcased.



A third year student from CSE says, “I really enjoyed the seminar. It was different visiting prestigious research institutes. It also felt like an upgraded version of a Science Fair from school. We walked a lot going from one place to another. It truly was a Field Trip.”

IEI - CIVIL

IEI, Civil Student chapter inaugurated a new program, Advaitha. Advaitha means uniqueness. It focuses on making the students understand the importance of house planning. It is further categorized into two small chapters called Nirmaan and Histogram.

Nirmaan is a platform where students convert 2D-plans into 3D Models using various materials for different dimensions. It helps students to work on two basic foundations of Civil Engineering which are Dimensions and Materials.

Histogram is about the importance of Civil Engineering in historical monuments. Here students present pictorials and plans of the monument along with its current condition. They discuss the materials used and the time taken for the construction of the monuments.

A first year student from Civil Department says, “thankful to the Advaitha team for conducting this event.”

Liyak Ashraf a third year student says, “It was a wonderful experience working in teams. I really learned a lot of new and interesting things from other teams and a few secrets about the monuments. It really helped me to work on my Speaking Skills and Presentation Skills.”

Soumika a second year says, “It was very interesting and different turning a 2D-plan into a 3D model. I really learned new things and facts and am glad to be part of this event.”









INSTITUTE OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS



Block Chain Technology Workshop
by of Mahesh Uttam Patel, The Additional Director of Center for Development of Advanced Computing on 14 th March 2020 in ECE Seminar Hall

Institute of Electronics and Telecommunication Engineers, is a nationwide student community tied up with most of the engineering colleges. This body provides an opportunity for the people to delve into this emerging field of technology and enhancing the capabilities of students making them confident and ready for the industrial or corporate world. Our college's history with this body is as early as its establishment and it had been running efficiently since then. GRIET's IETE body not only focusses on the technical aspect based on its core principles but also practices enhancing the creative side of the students mainly focusing on arts like photography and literature, and believes in all around development of a person.

The body has been comparatively active in conducting events and competitions our previous academic year 2019-20.

The workshop covered the basics on Cryptography, Ciphering and Deciphering the text, Tools for Ethereum Block chain etc., The Principal and Head of the Department ECE attended the workshop. The participants showed good interest in the workshop and gave a fair feedback.

IETE had also conducted two online competitions during the pandemic break,

>> Innovative Indoor Photography and Editing Challenge on 30th March 2020

>> A Quiz Competition on 28th of June 2020.

Both of which had good response and had participants and entries over a hundred.





NATIONAL SERVICE SCHEME



The NSS-GRIET branch was one of the very few student bodies that started out in the early years of our college and has managed to balance good social work along with a good reputation among other NSS bodies in the city. As years passed the team became bigger and stronger, our college supported them in all ways all the time. It is safe to say NSS is the only body that plays an active role in maintaining the image of our college when it comes to social welfare activities while other bodies in their respective sectors.

PLASTIC FREE DRIVE

This drive was initiated to reduce plastic usage in both the college and our households and spread awareness how it harms our environment. The members encouraged students to bring unused plastic from their homes so that they could collect and segregate for recycling. It was not a single day program but a starting step for everyone to contribute to the healthy change. People kept bringing plastics and it was reused for various purposes.

"I found many plastic products in my house that we weren't using so I brought them, and I was surprised how NSS members reused them in the campus effectively" - a volunteer.

"We tried this last year too but not many showed up. This year was better, and we are happy to see more people being concerned for the good" - one of the organizers.

INFREEDOM DRIVE-IN

Nirman Association - SMJ Cancer Hospital - Sai Sriram High School and Ashraya Old Age Home
On India's 73rd Independence Day, team NSS visited various social groups to interact with them. The purpose behind these visits were to inculcate compassion in their fellow students as well as to make the day memorable for the people they have interacted with. The team conducted small programs for the little students in the school. They even had learned a few life lessons from the old and experienced in the homes. This was not the first time the team had planned such programs, yet that day was special and memorable for all.



"I was moved by the words of the people I've talked to, I almost had tears. I'm grateful to my team for giving me such experience and I hope there are good things like these to come" - a recruit of the body.

"We wish we had spent more time with everyone and looking back I'm glad how far we've come as a team and as human beings" - a senior organizer of the body.









BLOOD DONATION CAMP

Donation camps are a yearly ritual in our college conducted by NSS with other collaborations. This year they had Street Cause (a student's run NGO) and HDFC bank as partners for the camp. This year the team has conducted the camp on a large scale to which The Governor of Telangana, CEO and Vice Chairman of IRCS and Executive Director of GRIET attended as Chief guests. The team had worked restlessly all that day as 200 students came forward to donate blood and made the event a bigger success than anticipated.

Another Blood Donation Camp was also initiated on 19th February 2020 with Oriental Bank of Commerce as the partner. This was conducted in the first-year block of the college mainly to encourage the freshers who were above 18 years to donate blood and save lives. This camp too had gone successfully with 100 new donors.

"We were already happy that many inspiring people had come and addressed our camp but when the event started, we were overwhelmed by the students' response. We hope we'll have the same enthusiasm and energy for good causes like this in the coming years" - an organizer.



SWEATER DISTRIBUTION DRIVE

The team came up with another initiative this year to help the homeless during winter by providing them with sweaters and blankets. People either could donate for new purchases or give away used woolen garments which the members would collect and distribute to the ones in need around the city. Over a hundred garments were collected and successfully distributed in Nizampet, Kphb and Jubilee hills areas.

"It was memorable for our team as we travelled through the city streets in the night for days and got time to bond with each other at the same time helping people and spreading awareness." - team head.

The same day NSS IT group had visited the Government School in Nizampet and carried out some extracurricular activities with the children over there. They had fun and at the same time tried to motivate the youngsters to study well.







This has been the most active and engaging student body in our college during the pandemic break. They have come up with many initiatives like donations to needy people and charities, food distributions for the frontline workers, volunteering for feeding animals, online events and competitions. They received good responses as well as appreciation from both the students and college.

Throughout the academic year 2019-20, not only did the body carry out events mentioned above but also took many initiatives like planting trees around the campus, raising funds for areas affected by natural disasters, promoting yoga, and many more.

SOCIETY OF AUTOMOBILE ENGINEERING

AERO DESIGN CHALLENGE

The event was about making an excellent design of an aircraft with appropriate measurements and to make sure it was flying. We had done the same, we did all the calculations and applied our craftsmanship and built the aircraft and successfully took it to the competition which was held in Bannari Amman Institute of Technology, Tamil Nadu. Our faculty coordinator, K. Sunil Kumar Reddy sir stood like a pillar to support us and always encouraged us to try new things.



Dhruthi Chowdary says “We had a great experience and had an exposure towards aerodynamics. We learned many things during manufacturing and even in the event, knowing the ways to improve our aircraft.”

BAJA

TEAM BRUISERHEADS BAJA has been struggling to get into MAHINDRA BAJA for the past 2 years, and this year we’ve pulled out all the stops to get it done. Yes, or hard work paid off. Held in Pithampur, Indore, a 5-day ‘all-terrain vehicle’ race in which various dynamic and static competitions were held and around 180 teams from around the country competed in which we’ve secured an overall place of 30,due to some technical breakdowns.

FMAE BAJA

Fraternity of Mechanical and Automotive Engineers organized another nation wide event for ATV’s, here in Hyderabad and we’re proud to say that we’ve stood 2nd in the overall event without using a single power tool or without even a single breakdown.
Our SAE coordinator Sunil Kumar Sir, Director Dr.Jandhyala N Murthy Sir, Principal Dr.J.Praveen Sir, HOD Mechanical Dr.N.Sateesh Sir have given enormous support and have been 4 strong pillars in making our project what it is today.









Sai Ganesh says “The learning experience was boundless and we learnt many small but effective ways to improve the performance of our buggy. We also had a lot of fun doing it cause we learnt a lot while building it and improved our grip on our basics and have become really good at them. It was a very challenging task to pull together; hence managed to do it. We faced a lot of challenges, on and off track, but nothing big so we were able to overcome our difficulties and take the runner up position.”

STREET CAUSE

"A Life without a cause is a Life without an effect."

STREET CAUSE GRIET, a non-profitable NGO working for the betterment of the society. The team obliges in various fields like education, health and hygiene, women empowerment, environment, and many more. Started with small projects to a permanent impactful project, SC GRIET has expanded its help in and around Hyderabad, Rangareddy, Siddipet, and SangaReddy districts. The term 2019-20 was the most impediment term, starting with Yoga awareness at Zilla Parishad school, Nizampet to Project Swetcha, the team has helped over 1000+ people, children, and the elderly. Followed by Big book week Eco-danta, Blanket donation drive, the team has helped the people in need.

All the portfolios, Social Impact and Environment, Women Empowerment and Education and Oldage homes and Differently Abled, have done their part at various places. Renovating the school, supplying the necessary resources, educating students on the upcoming digitalized world, and spreading joy among people. PROJECT SWETCHA, a prestigious project of SC GRIET started in the year 2017 aiming to help women nurture and break through the general taboos around menstruation. The project has taken its first phase in Sikkindlapur, Siddipet bringing awareness about menstruation and the importance of sanitary pads usage. The project aims to impact 23000 women.















"This NGO has opened my eyes to the troubled side of the world we live in. I'm glad I was part of this journey and could help the needy", Anonymous.

"Even we faced many downfalls during this term, we fought back hard and did all the help we could.", Anonymous.

"It was a wonderful journey working with the team, helping out the need. Looking forward to the next term.", Anonymous.

GOKARAJU RANGARAJU
Institute of Engineering and Technology



VISION

To be among the best of the institutions for engineers and technologists with attitudes, skills and knowledge and to become an epicentre of creative solutions.

MISSION

To achieve and impart quality education with an emphasis on practical skills and social relevance.

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