

**2018-19**

# GEM

**GRIET *e* MAGAZINE**





# **GOKARAJU RANGARAJU**

## Institute of Engineering and Technology

Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) is established in 1997 by Dr. G Gangaraju as a self-financed institute under the aegis of Gokaraju Rangaraju Educational Society. GRIET is approved by AICTE, New Delhi, permanently affiliated to and autonomous under JNTUH, Hyderabad. GRIET is committed to quality education and is known for its innovative teaching practices.

# **Dr. Gokaraju Ganga Raju**

## **Chairman**



“It is not the wide open spaces, classrooms, the library, laboratories or the large fields that make the Institution. It is in the heart of the students and staff that the true institution exists.”

Learning is not a process limited to colleges and universities only, nor does it end with the conclusion of one's college career. It is indeed a life long process. This institution is oriented to the total formation of a student and to adaptation of various methods suiting the dynamics of changing world in order to achieve common goals and objectives. It is further characterized by shared vision – responsibility and above all, love and faith in God in order to achieve these goals.

Character creates self respect, which in turn leads to high self esteem. Maturity is reflected in all aspects of character – the decisions we make, the friends we choose and the responsibilities we accept. Always remember to uphold the dignity of people. Be always ready to give preference to other. What you are is god's gift to you. What you become is your gift to God. Have something to live for. Bring out the best in you.

## **Sri G.V.K. Ranga Raju**

### **Vice President**



**D**on't sit back and take what comes...go after what you want Sri G.V.K. Ranga Raju is the eldest son of Dr.G.Ganga Raju.He brings to Gokaraju Rangaraju Educational Society his business acumen, knowledge and wide reading. His exceptional people skills have enabled him to create resounding goodwill and respect for himself and GRES. G.V.K. Ranga Raju takes care of all the day-to-day matters concerning GRIET, and promptly addresses the concerns of the parents and students. He believes in a no-compromise policy, when it comes to personal supervision of educational institutions and in maintaining academic schedule & discipline. Extraordinarily gifted and tech savvy, he understands the importance of technology in today's fast paced world. He believes in exposing students on cutting edge technology so that they are equipped to not just face the challenges of the modern day living but become leaders in their own right. For him education is a journey of discovery.

# **Dr. Jandhyala N Murthy**

## **Director**



**F**rom the beginning of time, we've always had imaginative, creative and beautiful ways in expressing emotions. Thus helping us describe events, depict and recreate everything we possibly could for recreative and documentation purposes.

**L**iterature and arts have been extremely instrumental in this by allowing the magic of words to mesmerize its readers and arts to encapsulate emotions in a single frame , yet speak oceans.

**S**aid that, I am very happy to be a part of an initiative that allows students to explore their inner talent and probably ignite a spark within them.

# Dr. Praveen Jugge

## Principal

Gokaraju Rangaraju Institute of Engineering and Technology, owned and managed by the Gokaraju Rangaraju Educational Society is one of the leading and most sought after Engineering College in the State of Telangana, imparting quality education with an emphasis on practical skills and social relevance. Our vision is to “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.”



As we complete 22 years of yeomen service, what comes to my mind is that – “Success comes to those who work hard and stays with those, who don’t rest on the laurels of the past”.

We live today in a world that is so very different from the one we grew up in, the one we were educated in. The world today is changing at such an accelerated rate and we as educators need to pause and reflect on this entire system of education. Are our Colleges well equipped to prepare our Students to face the challenges that the future holds? Question such as these are factors that motivate us to go through a continuous process of reflection and hence we at GRIET work at implementing a well balanced curriculum to ensure that the Student who walk into GRIET will not just love their college years but truly be prepared to face life’s challenges. It was Margaret Mead who said “Students must be taught how to think, not what to think”.

Aristotle once said that, “Educating the mind without educating the heart is no education at all”. Even as we impart education to match the advancement in technology and globalization, we march our Students ahead with GRIET’s ethos of moral values and principles. We endeavour constantly to instil these qualities in our students.

This edition of the College magazine – “GEM 2018-19” is a milestone that marks our growth, unfolds our imaginations, and gives life to our thoughts and aspirations. It unleashes a wide spectrum of creative skills ranging from writing to editing and even in designing the magazine. I congratulate the entire editorial team for their hard work and dedication.

# Coordinator Speak

Dear readers

It is with immense prudence and humility that I accepted the responsibility of the Griet e magazine (GeM) coordinator for the academic year 2018-19.

GeM was started with the motto of bring to add light on the events ,fests along with articles written by students and faculty on monthly basis.The content of this e- magazine was collected and organised by a set of students ."Somewhere Something incredible is waiting to be known " , let's join hands together and bring it to life.

**N.Sudhakar Yadav**

**GeM Magazine Coordinator**  
**Department of CSE**

**Dr. L. Jayahari**

**Assosiate Dean of Student Affairs .**  
**Department of Mechanical**



**R.Aruna Flarence**  
**Department of CSE**

**Dr. Padmavathi Kora**  
**Department of ECE**

**Lakshmi Sushma Kolli**  
**Department of IT**

**Vinay Kumar A**  
**Department of EEE**

**P.Santhi Raj**  
**Department of CIVIL**

**M. Sreekanth**  
**Department of Mechanical**

# EDITORIAL TEAM



**Meher Viswanath- CSE**

**Mosain -ECE**

**Srikar - CSE**

**Sai Krishna -CSE**

**Shreya- CSE**

**Lasya- CSE**

**Tapasya- CSE**

**Aditya Nikhil - CSE**

**Akash- EEE**

# edit speak

We are really proud and exuberant to acclaim that we are ready with all new hopes and hues to bring out the Annual magazine , which is going to surely unfold the unraveled world of the most unforgettable and precious moments of the college. The magazine is to be viewed as a launch pad for the students creative urges to blossom naturally.

Our enthusiastic write ups are indubitably sufficient to hold the interest and admiration of the readers. This souvenir is indeed a pious attempt to make our budding talents give shape to their creativity and learn the art of being aware because we believe that our success depends upon our power to perceive, the power to observe and the power to explore. We are sure that our positive attitude, hard work, sustained efforts and innovative ideas will surely stir the mind of the readers and take them to the surreal world of unalloyed joy and pleasure. We have put in relentless efforts to bring excellence to this treasure trove. The magazine also espouses the college spirit which is built up within the institute through the collective actions, thoughts and aspirations.

It gives me immense pleasure to ensure that this magazine has successfully accomplished its objective. We have put forth our ideas and thoughts that are too deep to be expressed and too strong to be suppressed. This magazine is put forth by the combined efforts of the Editorial Board, GeM. We take the opportunity to thank all the contributors as their contribution is the reason that makes this magazine endearing with our readers.



# **WHAT'S INSIDE**

A decorative border at the top of the page consisting of a honeycomb pattern of blue hexagons with black outlines and a slight 3D effect.

**ANNUAL REPORT**

**HAPPENINGS**

**CLUBS**

**STUDENT BODY**

**ART, POEMS  
QUOTES, ARTICLES**

**GROUP PHOTOS**

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# **ANNUAL REPORT**

# **Annual Report by Dr. Praveen Jugge, Principal , GRIET**

## **1. INTRODUCTION:**

Gokaraju Rangaraju Institute of Engineering & Technology was established in the year 1997 by Dr. Gokaraju Ganga Raju in fond memory of his father Sri Gokaraju Ranga Raju, a distinguished crusader in the field of education in West Godavari District, Andhra Pradesh. Our vision is “To be among the best of the Institutions for engineers and technologists with attitude, skill and knowledge. To become an epicenter of creative solutions”. In tune with our vision objectives, our endeavor has always been to provide a quality learning environment at GRIET.

We are offering 6 Undergraduate Programmes i.e B.Tech in the disciplines of CSE, CIVIL, ECE, EEE, IT and MECH and 9 Post Graduate programmes i.e M.Tech programs in specializations of CSE, Software Engineering in department of CSE, Design for Manufacturing and Thermal Engineering in Mechanical, VLSI and Embedded Systems in ECE, Power Electronics and Power Systems in EEE and Structural Engineering in Civil Engineering. All courses are approved by All India Council for Technical Education (AICTE), New Delhi and with permission from Govt. of Telangana. All the courses are affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad. The autonomous status was granted by UGC, NAAC accreditation with A grade. All UG & PG programs are NBA accredited. Most of the programs are accredited four times. It is extremely satisfying and all of you deserve appreciation for your hard work in achieving our mission of quality education with an emphasis in practical skills and social relevance. I am sure you shall continue making such efforts to maintain the values for years to come.

The Annual intake for UG courses is 1200 and for PG courses 246. 70% of seats are filled by the State Govt and 30% of seats by Our Management. All the sanctioned seats for the academic year 2018-19 were filled up in open category. This proves that we are one of the preferred colleges in our State. There are 5443 students on rolls as on date. I thank Sri M Padma Raju garu, Joint Secretary and Dr Y Rama Krishna Prasad, Dean Admission for their efforts in student admission.

## 2.AUTONOMOUS STATUS

UGC granted us autonomous status for a period of 6 years from 2014-15. Autonomous status gives the academic freedom and indicates our strengths to develop best practices and follow them with conviction. Our academic regulations called GR11, GR14 gave us enough experience to initiate GR15 regulations in 2015 under Choice Based Credit System (CBCS), GR17 in 2017 and GR18 based on AICTE recommended curriculum. In Academic Year 2018-19 we witnessed GR14 to GR18 regulations.

This academic year we received second cycle NAAC accreditation with 'A' grade 3.13/4. Valid for 5 years from 02 Nov 2018. We are happy to announce that GRIET has a recognized Research Centre for ME in 2018 by JNTUH.

We are proud that Gokaraju Rangaraju Educational Society (GRES) is recognized as Scientific and Industrial Research Organisation (SIRO) by DSIR. The Ministry of Human Resource Development has recently launched a new Methodology for Ranking of Educational Institutions of India under National Institutional Ranking Framework (NIRF). We are delighted that in NIRF 2018, GRIET is ranked among 151-200 rank band under Engineering category.

Many Prestigious Ranking Agencies in India ranked GRIET as a Top Engineering College in India.

- Listed in "The Top 20 Best Institutes of the year 2018" by the Knowledge Review Magazine.
- All India 26th Rank and 5th Rank in Telangana by Competition Success Review - GHRDC Survey
- All India 26th Rank and 14th Rank in Industry Exposure Category by Higher Education Review Magazine.
- All India 63rd Rank, 5th Rank in Telangana and 10th Rank in Combined Telangana & Andhra Pradesh by Times of India.
- All India 80th Rank by Education World Magazine.
- AAA+ Category by Careers 360 Magazine.
- 4 Star Rating by Career Connect Magazine.
- 5th Rank in Hyderabad by Sarvagyan.

These recognitions surely inspire all of us to maintain quality standards in our learning environment and excel in years to come. I thank Prof P Gopala Krishna, Dean Publicity for his efforts in ranking exercises.

### **3.ACADEMIC YEAR 2018-19**

The academic work 2018-19 began on 02 July 18 for all senior batches of UG and the first year academic work for B Tech commenced on 16Jul 18, for M Tech on 13 Aug 18.with the supervision of HOD Humanities and Basic Sciences (Dr B Srinivasa Rao & Dr S Ramamurthy) and the guidance of Dean Academic Affairs (Dr A Sai Hanuman & Dr K Anuradha). As per AICTE directive we have organized three weeks induction program to B Tech I Year students. Thanks to Dr Patrick for organizing this program.

### **4. Results**

The University results of academic year 2017-18 are quite encouraging with more than 89% cleared in first attempt, among them more than 81% candidates cleared in I Class & Distinction. I thank the Examination Branch for smooth management of all examination activities.

### **5. Roll of Honors**

Graduation Day, Unique to GRIET, a ceremony held on second Saturday of July of every year to give away the provisional certificates to the passing out students, a ceremony held with the same dignity and decorum of a University Convocation. We conducted the ceremony with same enthusiasm on 07 July 18 honoring the 2018 pass outs, Dr A Govardhan, Professor & Rector, JNTUH being the Chief Guest.

Students are awarded with endowment Awards, like JSL Memorial Endowment Award, Adapa Kistiah Endowment Award, Vadlamudi Rama Naidu Memorial Scholarship, Mrs. & Mr. Mastan Endowment Award and also Prof P S Raju's award for reciting slokas and sathakas and best support staff are being presented today. We are happy that Dr. Jandhayala N Murthy, Director has instituted an Endowment Award in honor of his parents to a distinguished Alumnus of GRIET. We are grateful to you sir for your noble gesture.

Happy to note that our alumni too has contributed to our endowment fund to give Academic Excellence awards for four programs of BTech in CSE, ECE, CE & IT. The academic awards for the students excelling in curricular and beyond curricular activities are being given away today.

## **6. SCHOLARSHIPS & INCENTIVES**

All eligible candidates under categories of S.C., S.T. and B.C. are being sanctioned scholarships by Social welfare department of the Govt. Faculty, whose services resulted in academic excellence in terms of 100% passes or 100% marks for students are honored along with the respective meritorious students also.

## **7.SUPPORT**

**Library:** At present we have 1,22,965 volumes with 15,875 titles to cater the needs of students and staff. There are 267 Journals which include National and International Journals. The college subscribes to a variety of e-resources for use of staff and students. The library is networked and automated purely by the efforts of our staff in terms of bar-coding and software. The library works from 8.00 AM to 6.00 PM. Library has augmented its digital Library with subscriptions from IEEE, ASME, ASCE, JGate, NPTEL, Elsevier Science Direct etc..

**Transport:** The college is situated 4 kms from JNTUH, Kukatpally. Public Transport is conveniently available through TSRTC bus service & Metro Rail up to Nizampet junction and through MMTS up to Hi-tech City. Hence we are running our own buses to transport the students from Kukatpally, MMTs (Hi-Tech City), Miyapur and back at a nominal charge. They are provided with route buses from different corners of the city. Teaching and other Staff are transported free of cost from Kukatpally and back.

**Power:** 113kW solar plant supplements the college as well as national grid power requirements. Our 113 kilowatt solar power plant annual generation is 1,48,409 units that is equivalent to planting 703 mature trees and reduction in 140 Tons of CO<sub>2</sub> emission. In addition, the college has two generators of 250 kVA and 160 kVA capacity. Existing solar plant is being extended with additional 300kWp by Mar 2019, making 85% generation of total requirement.

**Canteen:** A canteen to provide meals, breakfast, hot snacks along with stalls to serve coffee, beverages, bakery items and fruit juices at reasonable rates. A free meal scheme namely Annapurna Nitya Prasadam Scheme was initiated by GRIET from the year 2012, to promote concept of joy of giving back to society amongst students. This scheme provides free lunch for faculty and students and is successfully running with the contribution of staff and donors.

**Medical & First Aid Centre:** All medical needs are quickly and efficiently attended by well qualified Doctor along with a medical assistant.

**Water:** In spite of the hilly terrain and critical scenario in Hyderabad drinking and utility requirement of water is being successfully met. We have an RO plant of 3000 liters/hr capacity and STP providing nearly 30,000 liters every day after treatment.

**Bank OBC branch** along with ATM services is situated within college premises.

## **8. PLACEMENTS**

**As** on date 651 placements are received for the 2018 passed out students from On & Off Campus interviews and 133 went for higher studies. 91 Companies have visited. 183 students from ECE, 69 from IT, 231 from CSE, 62 from EEE, 72 from Mechanical, 10 from MTech and 18 from Civil are selected. Ms Sai Deepthi received highest salary package 21 lakhs per annum in Adobe.

**To** mention a few of the major companies recruited in 2018 are Adobe, HSBC, Byjus, TCS, XSEED etc,

**Quite** a few students are aspiring to pursue higher studies in MS / MTech / MBA with creditable GRE, GATE, GMAT scores. This year the number is expected to grow. Few are trying to become entrepreneurs too.

**I** am sure students have restructured their career plans considering the odds.

We have periodic personality development and soft skill enhancement programs with the help of reputed professional agencies in Hyderabad and across India, right from the first year, due to the sincere efforts put in by Dean Training Dr.K.V.S.Raju supported ably by staff of Training & Placements in particular Dean Placements Dr.K.Butchi Raju and Shri K Koteswara Rao.

## 9. Ragging

We have taken all precautions to curb the menace of ragging through our three pronged system of awareness, avoidance and acting with stern measures. In this connection, I thank all the teaching and non-teaching staff, especially Dean of Discipline Dr. S Govinda Rao and Dr. J Sridevi for their relentless efforts and maintaining a constant vigil.

## 10. RECRUITMENT OF STAFF

Recruitment of Teaching Staff is a continuous process. We are maintaining a student staff ratio norm of 1:20. At present we have 62 Professors, 42 Associate Professors, 218 Asst. Professors making a total faculty strength of 322. There are 75 PhD faculty, I thank Prof P Gopala Krishna, Dean Publicity for providing support in recruitment. Four have submitted their thesis awaiting defense and a few are actively pursuing research. We are pleased that in 2018-19 Smt N Swetha and Smt V Hima Bindu of ECE, Sri S Govinda Rao of CSE and Sri T Srinivas of CE have successfully defended their research work leading to the award of Ph.D in the last convocation. (Please give them a big hand).

We feel satisfied that all their work is carried out when they are part of GRIET. We have adequate number of non-teaching and support staff.

As CSR measure, GRIET established "PRAGNYA 90.4 FM" Community Radio during Jan 2016 and is successfully airing programs for 4 hours every day since then. This Radio mainly emphasizes on community developmental issues. A Radio App is developed and also web link is given in GRIET website so that it can be listen from anywhere. At GRIET Pragnya Radio station, we are offering Radio Jockey training program. Three batches of students already completed this course. Radio jockey course next year it will be a credit course. I thank Dr Butchi Raju, Radio Station Manager for his support.

## **11. IMPLEMENTATION OF STATE GOVT. SCALES TO NON-TEACHINGSTAFF**

State Govt. Scales are implemented to the Non-Teaching staff of the institution, who completed 5 years of service in the institution. Their loyal and continuous services to this institution are always acknowledged.

## **12. EQUIPMENT PROCURED DURING THE YEAR**

Laboratory Equipment which costs Rs. 100.19 Lakhs was purchased so far for the departments.

## **13. NEW LABS**

Two new innovation labs are created in Block IV for Civil and Mechanical Engineering departments. One of them built a Go-kart Vehicle and All-Terrain Vehicle allowing students to successfully take part in competitions like BAJA and other SAE events. One Electric vehicle is developed by EEE dept this year. Data Science lab in CSE dept and Structural engineering loading frame Lab in Civil dept are under development.

## **14. GRIET WEB ADMINISTRATION**

We are proud of our home grown product GCAP (GRIET Campus Administrative Platform) is in usage by college for the purpose of campus management regularly updating students and staff database, attendance, college calendar, time tables, exam results, memo generation etc. Students can check their attendance & marks regularly, college can send any message by SMS or E-mail to parents as well as students. I thank K N Balaji garu for GCAP and Dr N V Ganapathi Raju supporting for website.

## 15. ACTIVITIES BEYOND CURRICULAM

We are proud and happy with our activities beyond curriculum. Our Co and Extra Curricular activities were so structured that the students took major role in planning as well as conducting the events. Periodic competitions were held for the extra and co-curricular activities under the aegis of respective groups; Pragnya is a technical event organized by IEEE student branch. Essay writing and debates through SPIRALS, Quizzes through QUIZZICALS, dance and song through RHYTHMS, cooking skills through SPICES, unique to this institution; Hardware contest through SCIENTIFIC FORESTEP and Software contest through xKernel and Life skill clubs ably managed by Dean Life Skills Dr Md Hussain. I congratulate the respective group heads and the students for ensuring smooth performance as per Academic Calendar. I thank Dr L Jaya Hari, Dean Student Affairs for his support in conducting various activities.

Quizbee, the first of its kind, paperless non-technical Quiz program was conducted in MOODLE by Dr V Hima Bindu, Professor of ECE for a large group of 100 teams simultaneously. The evaluation was transparent and quick, ending up with three winners.

8th Annual International Conference on Materials Processing and Characterization ICMPC-18 was successfully conducted in March 18 by Convener Dr. Swadesh Kumar Singh of Mech and his dedicated team. Conference was attended by delegates from foreign countries like South Africa, Singapore and Kazakhstan. This conference also attracts a large number of participation from IIT's, NIT's and other government laboratories like DRDO. 9th ICMPC-19 was organized during 08-09 Mar 2019. Research papers are published in Elsevier Journal.

Department of CSE organised "International Conference on Wireless Sensor Networks, Ubiquitous Computing and Applications" in August 2018 at GRIET, by convenors Dr. Padmalaya Nayak and Dr. G. R. Sakthidharan. Research paper are published in Springer Journal.

Dept of EEE has organized International Conference on Sustainable Energy and Future Electric Transportation in February 2019, by convenors Dr T Suresh Kumar and Dr B Phaneendra Babu.

Conference Proceedings are published by E3S Web of Conferences and are indexed in Scopus and Web of Science-CPCI.

SAE team got cash prize of 1lakh in BAJA event organized by FMAE in August 2018.

CSE dept conducted Oracle Academy Certification Courses and Big Data. Thanks to D Krishna Madhuri and Dr Karuna of CSE for making this event a grand success.

GRIET conducted Challenge ACI, a national level Hackathon held during Oct 18.

Dr K Prasanna Lakshmi, Dean FDP organised AICTE-ISTE sponsored one week National Level Refresher Programme on "Pedagogical Training on Outcome Based Education" in association with Department of IT in June 2018 at GRIET. Faculty and students of GRIET actively participated in NPTEL/Swayam Courses.

IEEE student branch won "Exemplary Student Branch Award" and "Vibrant Student Branch Award". I want to thank Dr Y Vijaya Lata, Branch Councilor for her support.

We are happy to inform you that GRIET has conducted technical training to 350 PC Command & SI for Telangana police as a part of outreach program at Begumpet learning center and TSPA. Dr Usha Kumari, ECE professor is the coordinator for this Induction training program.

Dr J Praveen and Dr K Satyanarayana received Bharat Vidya Ratan award by International Business Council.

Dr M S R Seshagiri received "Best Guru Award" in Global Education and Corporate leadership awards 2018.

**D**r. T Suresh Kumar received Best Young Faculty Award by DK International Research Foundation.

**O**ur Women Development Cell coordinated by Dr T Padma has adequate focus in conducting inspirational activities, including empowering ladies through self-defense, Health Camps and Yoga camp for women faculty and celebrating women's day.

**N**SS-Street Cause conducted activities like Telangana Harithaharam, Swachh Bharat campaign, contribution for Kerala relief fund.

**S**o far TENTH TIME a rolling shield and a cup of retention from his Excellency Governor ESL Narasimhan on 16 June 2018 for highest blood donors in college category. Furthermore, we are proud that the Blood donation camp was conducted three times this year and yielded a total of 650 units' blood, a noteworthy contribution".

**G**RIET is in collaboration with TASK for updating skill and knowledge for students of GRIET. Students are getting benefited from Oracle Academy and CCNA Academy. They are participating in TEP Technology entrepreneurship program through Indian School of Business (ISB) and are getting training in DELL EMC Data Science and Big Data Analytics course through ICT Academy.

**L**ifelong learning is a requirement for every faculty. At GRIET we upgrade the technical and pedagogical skills of our faculty by encouraging them to attend training programs conducted by IIT Bombay under National Mission on Education through ICT (NMEICT) initiated by MHRD, Govt. of India, New Delhi. From the inception of the remote center in the year 2012 to till date, 884 faculty members participated in various technical training programs and 469 faculty members participated in pedagogy programs that include FDP101x: Foundation Program in ICT for Education, FDP201x : Pedagogy for Online and Blended Teaching Learning Process and FDP301x: Mentoring Educators in Educational Technology. I am happy to share that the theory and lab courses offered at GRIET are through MOODLE. I thank Dr K Madhavi, Dr K Anuradha and Mr G Santhosh for support in ICT at GRIET.

**T**EDx GRIET Season 2 was held in December 2018 at our campus with the theme "The Broken Compass". Congrats to Ms Nitika Rao of ECE & TEDx Team.

**J**-Lab is inaugurated by Hon'ble Vice Chancellor of JNTUH – Prof A Venugopal Reddy.

**W**e are extremely proud to share the milestones set by our team this year: Our students won First prize in Hackathons at JNTUH Sultanpur, CMR, Srinidhi and CVR Colleges under J Hub JNTUH. They secured First place in National level Hackathon and First Runner Up at IBC and bagged a cash prize of 25,000 and 50,000. Thanks to Dr Y J Nagendra of IT dept for his support.

**A**ll I, II, III prizes won by GRIET students in JNTUH J – HUB Hackathon held in Feb 2018. GRIET hosted a final round of event, Smart City Hackthon with TASK (Telangana Academy for Skills and Knowledge) in Apr 2018. Sri Jayesh Ranjan, IAS, IT secretary presented the prizes to the winners.

**T**he 5 member team FALCON of ME dept. won first prize at the National Convention of AICTE-ECI-ISTE Chhatra Vishwakarma Award 2018. The Award was presented by Sri Venkaiah Naidu, Vice President of India and Dr D Anil Sahasrabudhe, AICTE, Chairman.

**H**igh Drone technical services, a start-up company set up by our students. They developed a mobile app to communicate instant updates from the institute to students and to all stakeholders.

## **16. Sports and Games**

**T**his academic year we witnessed an excellent performance by our students and staff in extracurricular segment. All the local competitions were fought and participated with enthusiastic spirit of sportsmanship. We have won few tournaments held in and around Hyderabad in 2018-19. Khelostav-19 is planned in coming week at GRIET.

### **South Zone Inter University Tournaments:**

1. Mr U Sriharsha, III B Tech took part in Tennis at Madras University
2. Mr N Sagar Reddy, III B Tech took part in Kho-Kho at Sri Venkateswara University
3. Mr K Prashanth, III B Tech took part in Yoga Competitions
4. Mr Sumanth at Calicut University took part in Body Building
5. Inter Engineering colleges Girls Kho-Kho tournament runner up.

## 17. R&D

We have channelized our R&D and consultancy efforts through, Dr Swadesh Kumar Singh, Dean R&D ably supported by faculty as well as students from each department. Currently we have FIST projects from DST worth 100 lacs, AICTE worth 29 lakhs and UGC worth 9 lakhs ongoing, so far received 640lakhs plus towards grants. Research work on high temperature formation are yielding good dividends.

We have signed MOUs this year with Thermo pads, Carat Red Technologies, Idea Labs Future Tech Ventures, Eleven01 Technologies, and Oxford University, High Drone Technical Services pvt Limited, Demeter Inc., Vasuprada Consultants LLP, Studenting Era, BIM GRAFX, Red Hat, British Council and NRSC in this academic year.

No. of papers published in this academic year are 207 in International/National conferences and Journals. No. of Workshops conducted and attended by faculty are 120 in this academic year.

We are publishing three journals at GRIET (International Journal of Advanced Computing, International Journal of Advanced Materials Manufacturing and Characterization and Management Today) for benefit of teachers and students community.

Signed LOA with Texas AM University, USA and conducted 2 weeks Professional Development Workshop on Energy System for faculty of Kandahar University, Afghanistan and generated Rs 25 lakhs consultancy fund for GRIET (EEE, MECH and CE dept. faculty were the resource persons).

MSME (Micro Small Medium Enterprise) has recognized GRIET as an incubation center and approved eight innovative projects worth 52 lakhs till now. GRIET has established Institute innovation cell with guidance from AICTE/MHRD, thanks to Dr D Indira for her support.

We have successfully completed the End semester examinations for BTech, MTech. We had a number of guest lecturers by eminent personalities V V Laxminarayana, Yandamuri Veerendra Nath, Pattabhi Ram and more were planned and conducted by respective departments as per academic calendars.

ISTE State level award in the name “Sri Gokaraju Rangaraju” is constituted by GRES for Best ECE Faculty. Award will be given by ISTE Telangana State Chapter every year. This award will be given to the Best ECE faculty among all engineering colleges of Telangana State.

We are thankful to our Governing Body members Prof V S Raju garu, Former Director, IIT Delhi; Sri V Rajanna garu, Vice President & Regional Head, TCS Ltd.; Dr S Devaneshan garu, Prof. & Principal Scientist, Kerala Agriculture University College; Dr N Yadaiah garu, Registrar, JNTUH and other representatives from regulatory bodies.

All in all, we made an all-round growth and progress in the Academic Year 2018-19 so far. We assure all the stakeholders that we are well focused on our mission “To achieve and impart quality education with an emphasis on practical skills & social relevance”.

# RANKINGS

**179th Rank**

**in Engineering Category  
by National Institutional  
Ranking Framework 2019  
(NIRF), Ministry of Human**

**Resources and Development, Government of India.**



**Ranked AAA+ in "Top Engineering  
Colleges in India 2019" by Careers 360  
Magazine.**

**Ranked AAAA+ in "Top Engineering  
Colleges 2019" by ELETS Digital Learning  
Magazine.**



**Ranked among "The Top 20 Best  
Institute of the Year 2019" by  
The Knowledge Review Magazine.**

**Award receiving from Shri Navin Mitthal, Commissioner of Technical Education, Government of Telangana for Best Engineering college from Education Matters**



**Award receiving from Dr Manpreeth Singh Manna, Director, AICTE for Best Engineering Institution ranking from ELETs Digital Learning Magazine.**



# TRAINING & PLACEMENTS

The Training & Placements Cell of GRIET :

- (a) Imparts training in soft skills to the students from the first year class onwards to prepare them appropriately for careers in Industry
- (b) Coordinates the Industry and the GRIETIANS for suitable training & placements.



In order to achieve this, the database of all the students of different branches is compiled and furnished to identified industries from time to time. Consequently, as per the manpower requirements of the industries, On or Off Campus Placements are conducted to provide suitable career opportunities to the students.

A large number of students (details given separately in this section), have been placed in all leading Software, Hardware, Manufacturing and Maintenance industries. A good number of students pursue higher studies at home and abroad (details given separately in this section). Every batch witnesses a few dawning the hats as entrepreneurs.



Director and Principal appreciating Ms. Sai Deepthi Majji selected for Adobe with highest package (21 lacs) in 2018

## PLACEMENT SUMMARY 2018-2019

CSE	ECE	EEE	IT	Mech	Civil	M Tech	Total
303	217	68	69	36	11	9	713*

# 713\* STUDENTS PLACED IN 2019 TILL FEBRUARY 2019

## 100+ STUDENTS PLACED WITH ABOVE 6 LAKHS CTC

S.No	Name of the Company	Salary
1	AMD	12.0
2	Better Half	12.0
3	Service Now	11.0
4	Byjus	10.0
5	GE Digital	9.0
6	Delhivery	8.0
7	DBS	8.0
8	Samsung R&D	7.5
9	Kony Labs	7.0
10	TCS Digital	7.0
11	TCS Codevita-Digital	7.0
12	NCR Corp.	7.0
13	Magnitude	7.0
14	HSBC	7.0
15	Ivy Comptech	7.0
16	Hexagon	6.7
17	AIR Worldwide	6.5
18	Optum United Health Group	6.5
19	Optum United Health Group	5.99
20	Napier Healthcare	5.8
21	Zemoso	5.7
22	Tavisca	5.0
23	TechAspect	4.5
24	Infosys (S Now)	4.5
25	MCS Solutions	4.5
26	Attrainfotech	4.5
27	ZF India	4.3
28	ZF India Global	4.25
29	Deloitte	4.1
30	IBM	4.1
31	Apps Associates	4.0
32	AMD	4.0
33	Yellow Messenger	4.0
34	Saddlepoint Tech.	4.0
35	KANTAR	4.0
36	Keka	4.0
37	Monocept	4.0
38	Rubicon Red	4.0

Sno	Name of the Company	Salary
39	Wipro (S Now)	3.8
40	GGK Technologies	3.6
41	Neudesic	3.6
42	Capgemini	3.5
43	TATA ELXSI	3.5
44	WIPRO	3.5
45	Infosys	3.5
46	Rhythmos	3.5
47	HCL	3.5
48	DEFTeam	3.5
49	DXC Technologies (S Now)	3.5
50	Cognizant (S Now)	3.5
51	TCS Ninja	3.4
52	Cognizant	3.4
53	TCS Codevita	3.4
54	Atos Syntel	3.3
55	Virtusa	3.3
56	IBM Voice	3.2
57	L&T Infotech	3.2
58	Vaya finserv	3.2
59	RDC	3.1
60	MyHome Constructions	3.0
61	Keane NTTData	3.0
62	Travel Tripper	3.0
63	Delasoft	3.0
64	AssetSense	3.0
65	ACC	2.6
66	ICONMA	2.5
67	Cyient	2.5
68	Amazon	2.4
69	Robo Silicon	2.3
70	VEM Technologies	2.3
71	GE Haeir	2.0
72	Aliens	2.0
73	Raam Group	2.0
74	NIIT	1.8

# RESEARCH & CONSULTANCY

## Seminar on **Art of Research Article Writing** 21 November 2018

Dr. Swadesh Kumar Sing, Dean R & D, Professor, ME Dept.,



Dr. Suresh Kumar Tummala, Professor, EEE Department



Major focus areas of each program at GRIET is to be sensitive to Society and industry requirements and problems, based on which the Research and Development program gets its impetus. The Institution follows the dictum Every project should yield a product.



Receiving "Bharat Vidya Ratan award" by international business council at New Delhi.

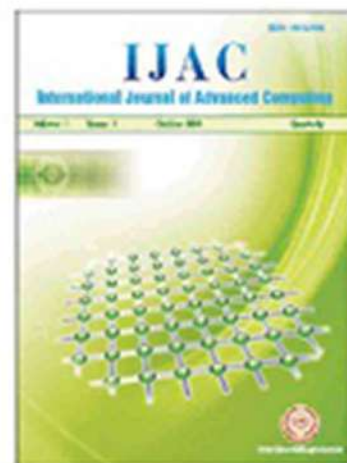
## JOURNALS BY GRIET



International Journal of Advanced Materials Manufacturing and Characterization (IJAMMC) Indexed



Management Today, International Journal of Management Studies (IJMS) Indexed



International Journal of Advanced Computing (IJAC)

# FACULTY & STUDENT AWARDS

## CHHATRA VISHWAKARMA AWARDS-2018



## Smart India Hackathon-2019



# गोकराजू गंगा इंस्टीट्यूट और आरकेजीआईटी हैकाथॉन विजेता

गाजियाबाद (ब्यूरो)। मानव संसाधन विकास मंत्रालय और ऑल इंडिया काउंसिल ऑफ टेक्निकल एजुकेशन के स्मार्ट इंडिया हैकाथॉन-2019 में देशभर के विद्यार्थियों के उद्योगों के सॉफ्टवेयर संबंधी दिक्कतों का समाधान कर हुनर दिखाया। डालमिया सीमेंट के लिए सॉफ्टवेयर संबंधी समाधान खोजने वाली तमिलनाडु के गोकराजू गंगा राजू इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी की टीम 'वाईनॉट' और मेजबान आरकेजीआईटी की टीम 'कोडिंग रेंजर' ने पहला स्थान पाकर 75 हजार की पुरस्कार राशि जीती। एवरेस्ट कंपनी की सॉफ्टवेयर संबंधी दिक्कतों का समाधान करने वाली तमिलनाडु के श्रीकृष्णा कॉलेज ऑफ इंजीनियरिंग एंड



टेक्नोलॉजी की टीम 'टेक्नोस', आईआईटी हैदराबाद की टीम 'स्नैप', महाराष्ट्र के एफसी रोडरिंग्युज इंस्टीट्यूट ऑफ टेक्नोलॉजी की टीम एक्सीडेंटल इंजीनियर्स और इंस्टीट्यूट ऑफ इंजीनियरिंग टेक्नोलॉजी की टीम 'कोडर्स' ने दूसरा स्थान और 15-15 हजार रुपये पुरस्कार जीता।



## ibc Hackathon



## Jaipal won A-quist state first prize



## International Conference in Advanced Trends in Computer Science and Information Technology

### “Paper Presentation”

The paper presentation was on the topic “Smart Solution for Offline Maps and Navigation” and the presentation giving the brief details about the working, features, application and results of the project. The presented was given the Best Research Paper Award too.



# **BHARAT VIDAN RATAN AWARD**

**-Dr. Kosaraju Satyanarayana**



## **100 best Professor Award**

**-Dr. Padmalaya Nayak**



Dr. Padmalaya Nayak, Professor, CSE, GRIET, Hyderabad Received 100 best Professor Award (International level Award) by World Education Congress on 6 th July 2018 at Taj land, Mumbai, due to her Academic contributions towards Education System.



**HAPPENINGS**

22nd

# Annual Day

The 22nd Annual day celebrations of GRIET was held on 23rd Feb 2019.

**Chief Guest – Shri RamaKrishna Lingireddi**

(Vice President Cap Gemini)

**Guest of Honour-Shri Subba Rao Perepa**

(Managing Director J.P Morgan Chase & Co)







# GRADUATION DAY

**The Department Of Electronics and Electrical Engineering organized the 18th Graduation Day ceremony on 7th of July 2018, in seminar hall 1 and it was also streamed live in seminar hall 2 for undergraduates and postgraduates.**



**The ceremony kick started with the students entering the hall, with everyone being mesmerized by the traditional Indian music and the thoughts running in everyone's mind that this would be the end of one long journey and the beginning of another. All the about to be graduates were dressed in traditional garb also wearing dupattas with the official GRIET logo printed on them.**



Our respected Principal, Dr. J Praveen, presented the academic report of the corresponding year mentioning all the accomplishments achieved by our institution, followed by the Guest of Honor, Shri Narendra Korlepara, who delivered his address to all the graduates.

Then, Dr. A Govardhan, Rector and Executive Council Member of JNTU-H, and our principal, Dr. J Praveen, honored the toppers of all programs graduating in the year 2017-18 with Gold Medals. Prof. Mr. P S Raju, distributed the Provisional Certificates to all the CSE students followed by our respected Director, Dr. Jandhyala N Murthy, who distributed the Provisional Certificates to IT, BME and BT students. Lastly, Mr. A. Vinay Kumar, Department of EEE, proposed the vote of thanks and the honorable Presiding Officer declared the Graduation Day Ceremony closed. The toppers of the corresponding year were interviewed along with their parents and were asked to express their views and experience at GRIET which was aired on Pragya radio, with the event being streamed live on Youtube for the first time.



# **Felicitation of Prof. P S Raju**

**Designation : Professor & Director**

**Qualification : M.Tech**

**Specialization : Power Systems**

**Date of Joining : 04/11/1997 as Principal**

**Experience : 46+ Years**









**P**ULSE, the Annual Cultural festival of Gokaraju Rangaraju Institute of Engineering and Technology is one of the biggest events happening in and around Hyderabad, expecting students from various colleges.

**A**s per the tradition of PULSE, CAR RALLY was held on 06-Mar-2019 which happens to be the promotional event for PULSE 2019.



GRIET's Car Rally happens to be the biggest rallies in Hyderabad. This year Car Rally was started from our college ground till Kesineni Grounds. A huge number of people took part in the Car Rally, thus promoting the mega Cultural Festival of GRIET, PULSE 2019



Under the RHYTHMS Team, a Flash mob was done by around 100 students of GRIET at Manjeera Mall, Kukatpally on 10-Mar-2019 for promoting PULSE to the people.

With utmost grace and splendid performances the performers made the audience awestruck with their amazing music, instruments performance and dance by 100 students.

PULSE 2019 was held on 16-Mar-2019. The fest comprised of the following events

- STEP IT UP, an Inter College Dance Competition.
- PLAY LOUD, BATTLE OF BANDS, an Instruments Competition (Inter College)

The above competitions were held under the RHYTHMS Team





Falknuma Das Film actors had made their auspicious presence at our fest, promoting their film. The trailer of the film was played, and the hero of the film Vishwaksen and the actress made the whole crowd cheer for the event.



The main attraction of the event grabbing crowd, EDM Night which was hosted by the following eminent artists.

- "CARNIVORE" is an American heavy metal band from Brooklyn, New York
- "RAVE REPUBLIC" is a DJ duo, who were ranked 98 on Top 100 DJs list in 2018.
- "LOST STORIES" is also a DJ duo, Indian based famous DJs.







# TEDx GRIET

x = independently organized TED event

## *Season 2*

**Our theme for this season was, "The Broken Compass".**

It portrays going against the predefined culture of following the path that has been directed by the society and discovering a path out of sight, braving the barriers and moving along with the idea of following the heart. We had wonderful speakers who inspired a lot of us by sharing their experiences and their own idea of "The Broken Compass" We had a total cover of 100 attendees who contributed a major part by showing a lot of interest and by being a brilliant audience. All in all, the event was a huge success and we hope to continue the legacy of TEDx in GRIET in the coming years as well with an updated version of excellence.



**TEDxGRIET** scheduled on 22nd of December, 2018 was a full-day event organized in GRIET. The college has given us the opportunity to motivate undergraduate students to find purpose. Our goal was to bring together bright minds and seek the extraordinary talks that are idea-focused and on a wide range of subjects, to foster learning, inspiration and wonder - and provoke conversations that matter.



The ambiance was beautifully setup with round tables, having people comfortably seated providing an extraordinary view from each and every corner possible. The stage for our event was no less, having the 'TEDxGRIET' blocks and the background showcasing our theme which attracted a many people's eye.

# THEME:

## THE BROKEN COMPASS

Going against the predefined culture of following the path that has been directed by the society and discovering a path out of sight, braving the barriers and moving along with the idea of following the heart.

# SPEAKERS:



## VANDANA VIJAY

The CEO and Founder of  
'Offbeat tracks'

*"Travel to change yourself,  
travel to change the world."*

## RAHUL RAVINDRAN

Indian Film Actor and Director

*"What life throws at you isn't  
in your hands, but how you  
react to it always is."*





## AATISH THE BAND

**Alive Music**

## KRUTI BEESAM

**The Ramp Fighter, Winner of Naveena mahila Contest -2013 by TV9, in the category of 'Fight for one's own rights'**

*"When nothing is sure,  
everything is possible."*



## AKSHAY TIWARI

**The founder of Hyderabad Poetry Project**

"

*Explore the most, expect the least."*



## GEETHIKA ANUMILLI

**A passionate Fashion Designer**

*"Pain, your friend in disguise."*

## MAJOR SHIVA KIRAN

**Ex-Major in Indian  
Army(1988-1995)**

*"Country and nature ; first  
and foremost,always &  
everytime."*



## CHAITANYA BASAVA

**Radio jockey at RED FM 93.5**

*"It does not matter how  
slowly you go as long as  
you don't stop."*

We had a total cover of 100 attendees who contributed a major part by showing a lot of interest and by being a brilliant audience. All in all, the event was a huge success and we hope to continue the legacy of TEDx in GRIET in the coming years as well with an updated version of excellence.



# **RUEDO'2k19**

## **A NATIONAL LEVEL ENVIRONMENT FEST**



Ruedo'19, a National Level Environmental Fest, has been organised by **STREET CAUSE, NSS and GREEN CAMPUS** at GRIET on 23rd Feb 2019. The fest comprised of events which dealt with saving / repairing the Nature's Resources.





The Project-Expo was the major event which enthralled all the onlookers. Students from different branches exhibited interesting yet impactful prototypes involving their core subjects like revitalizing solar energy, green house controlling system, smart farming with auto perfection system, monitoring and controlling many parameters in the environment, automatic water leveler, intelligent green house and many more. Apart from environmental theme based projects students provided solutions to the existing societal problems like alcohol detection with vehicle controlling, smog detection and mute people speaking system.





Several events took course on that day which were fun, leisure and also educational. Ruedo also set a platform for students with talents like short film making, pot painting, wall paintings etc. An astounding amount of students came forward and participated in these events and left everyone awestruck with their creativity. All their art work were very appealing. More events like nature photography, paper and power point presentations, yoga competition, food expo etc were also held on the day.



# Khelotsav

Students from various colleges participated in Khelotsav 2019 in Volley Ball, Kho-Kho and Table Tennis Sports. This international level college level competition organized in the GRIET.









**COCO- GIRLS WINNERS**



**COCO- GIRLS RUNNERS**



**COCO- BOYS WINNERS**



**COCO- BOYS RUNNERS**



**VOLLY BALL WINNERS**



**TABLE TENNIS WINNERS**



Students from various districts participated in Volley Ball competition for selections. This was conducted in Medak district on 10 Feb 2019. C. Nitin Reddy, Student of IT IIInd year got selected for volley ball competition. He participated in Volley Ball CAMP from 11 Feb 2019 to 16 Feb 2019. He Organized competition for the participants form various districts form 17 Feb 2019 to 20 Feb 2019.



# Women's Day

**Just she believed in herself  
And she did it.**

**-Meher Viswanath**

On the occasion of International Women's Day 2019 GRIET Conducted a talk by Ms. SWATI LAKRA, I.P.S IGP Law and Order and I/C. Women Safety, Telangana.









On the occasion of Women's Day WIE AG of GRIET Conducted a talk by Ms. Naina Jaiswal. Naina Jaiswal is an 18-year-old girl from Hyderabad who has crossed all the limits of educational supremacy by becoming the youngest Post Graduate in Asia.



With utmost excellence and grace, she began her speech with her achievements. She was only 8 years old when she completed her secondary education with flying colors. While most students of her age were preparing for their class 10 board exams, Ms. Naina crossed that milestone years ago. By the age of 13 years, she completed her graduation and became the youngest journalism degree holder. One might assume her excellency is only towards academics but she proved her critics wrong by showing her equal interest and drive to achieve the best by winning numerous

She is an admirable example of saying one can achieve great heights in any field as long as they have the will and determination to excel. Her line of talents do not stop there, she is a trained pianist and has recorded songs as well. She's a strong believer in being an all-around achiever and doesn't concentrate her energy merely in one field. Mr. Ashwani Jaiswal later addressed the audience.



His words on respecting our elders and teachers even in their absence and discipline in one's life have strengthened the morals of the students. He went on to say 18 random words and asked the audience to repeat the words in the same order.

Utterly confused, the audience tried but could not make it past 10 words. So he taught us a trick to remember those 18 words by making a story which linked all those words. This time the audience with precision said aloud all the words. Growing up this was one of the tricks he taught Naina as well.

A video was played on Ms. Naina Jaiswal's achievements throughout the years. While we were honoring our guests a PPT was played with Naina Jaiswal's achievements on the projector.

By the end of the session, the audience were inspired by Ms. Jaiswal's achievements and how the discipline has got her to this position in life.



# Orientation Day



# Freshers Day

*The Blue Yonder CSE*



# Welkom Fiesta ECE



# Royal Civil



# *Novation Fiesta ME*



# *Charged EEE*



# *neophytes IT*



# ENGINEERS DAY



**Every Year, the birthday of Sir Mokashagundam Visweswaraya on 15 September is being celebrated as Engineers Day.**

*The theme of this year Engineers Day 2018 by Institution of Engineers is:  
"Digital Transformation : A New Industrial Revolution".*

A total 102 students (42 students from B.Tech First Year) have participated in different competitions held on 11/8/2018 in the seminar hall of the Department of Civil Engineering. Firstly, the theme paper given by the Institution of Engineers on "Digital Transformation: A New Industrial Revolution" was discussed for few minutes. Then a video was shown on "What is Digital Transformation?" with experts from Harvard University, Stanford University, MIT, World Economic Forum, Representatives of reputed companies like General Motors giving their opinions.



Essay Writing Listening Comprehension and Power Point Presentation Competitions were held on the above topic. Group Discussion and Elocution Competitions were held on another topic "Managerial and Technical Solutions to attain Seventeen Sustainable Development Goals of United Nations by the year 2030". A brief video by United Nations by name "United Nations Sustainable Development Goals : Improve Life All Around the Globe" was displayed.



# ROAD SHOW PROJECTS

## CSE

### Mini Projects



### Major Projects



# EIE

## Mini Projects



## Major Projects



# MECH

## Mini Projects



## Major Projects



# CIVIL

## Mini Projects



## Major Projects



# Yoga Day

*Yoga  
is not about touching your toes  
It is what  
you learn on the way down.*



-Jigar Gor

International Yoga day conducted under the guidance of the Yoga Trainer MsSoudhamini on 21 June 2018 where 100+ staff and students participated.



# National Youth Day

*Never say NO,  
Never say, 'I cannot',  
for you are infinite.  
All the power is within you.  
You can do anything.*



-Swami Vivekananda

National Youth Day celebration-2019 conducted at Vivekananda Institute of Human Excellence Ramakrishna Math in lieu of Swami Vivekananda birth anniversary.



# International Conference

The 1st International Conference on “ **Wireless Sensor Networks, Ubiquitous Computing and Applications**” (ICWSNUCA-2018) was organized by Computer Science and Engineering & Information Technology department at Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, during 24th and 25th August 2018. The conference was organized with the sustained support from the management, organizing committee, contributors, volunteers, participants and sponsors. The two days event was live streamed and uploaded in the U-Tube. The following dignitaries were present during the Inaugural function held on 24th August 2018



## Chief Guest

**Dr. Atul Negi,  
Professor, SCSl,  
University of Hyderabad  
India**



**Guest of Honor :**  
**Dr. G. Ramamurthy,**  
**Professor, IIIT,**  
**Hyderabad, India**

**Special Invitee:**  
**Dr. Alexander**  
**Rumyantsev,**  
**Senior Researcher,**  
**KRC-RAS, Russia**



Researchers from various parts of our country as well as from abroad were participated in this conference. The Inaugural function of this conference commenced with the welcome address by Organizing Chair of ICWNSNUCA 2018 Dr. Padmalaya Nayak, and lighting of Lamps by the dignitaries followed by the presidential address by Dr J. Praveen, Principal of GRIET. The Chief Guest, Dr. Atul Negi of University of Hyderabad delivered the Inaugural address asserting the importance of such conferences and the scope of the conference. He motivated the participant with his inspiring speech. Guest of Honor Prof. G. Ramamurthy of IIIT, Hyderabad released the Conference proceedings. Dr. Alexander and Dr. Jandhyala N. Murthy felicitated with their valuable words and thoughts.



# ICMPC

## A Mechanical - Conference



9 వ అంశాంతరీక్షిగాను సవస్తు. (Term-2019)

9 వ తింబక్టేచీయ పక్ష ప్రవర్తనం మరియు స్వీకార చట్టానికి సవరణ (ICMPC-2019), గోకరాజు రంగారాజు బంజనీయర్ కళాశాల యందు 2019 మార్చి 8, 9 మరియు 10 వ తేదీల యందు ధునుగా నిర్వహించారు. ఈ సవరణ నందు గౌరవ అధిక్షాపకా డా॥ M.S. చౌహాన్, ప్రొఫెసర్, MANIT, డా॥ U. రామమూర్తి, ప్రొఫెసర్, NTU సింగపూర్, డా॥ సలీమ్ షాద్ సిద్ద్, HOD - ME, MANIT, డా॥ T.K. సురేష్ గారు, శస్త్రవీణ్, DMRL, హైదరాబాద్ పాల్గొన్నారు.

ఈ సదస్సులో డా॥ M.S. చౌహాన్ గారు మాట్లాడుతూ, యువ విద్యార్థులు, ఉద్యోగకుల సూచన పదార్థాలను మరియూ నానా మెటారియల్స్ ను కనుగొనుట మరియూ వాటిని వినియోగించుట మూల ప్రధానమైన కఠిన అంశముగా గుర్తించాలని సూచించారు. ప్రొఫెసర్ U. రామి వూర్మి గారు పదార్థాల అయోగి, ధైన్య మరియూ ఇండియోలజీ ఉపగ్రహాల నిర్మాణములకి వాటిని ఎలా ఉపయోగిస్తారో వివరించు పదార్థాల అవగాహనం రాజీయం నుండి ఇట్టడి యుగం మరియు వినుప యుగం నుండి క్రస్తుల నుండి యుగ పదార్థాల వరుస ఎలాంటి మార్పులు విరాబిడ్డాయి డా॥ సబీష్ చౌల్ గారు వివరించారు. క్రస్తు పదార్థాల కనుగొనుట, వాటిని వినియోగించుట యే కాకుండా వాటిని కృంసు చేయటం కూడా ఒక అంశం ఉంటే ఒకటి గుర్తించాలని హెచ్చరించారు.

డా॥ T.K. నందిగారి మాట్లాడుతూ ఈ సదస్సు నందు

పాల్గొన్న క్రింది ఒకటికి ఈ సదస్సు ఒక వేరైనా ఉపయోగ పడు  
లేదని, అలాగే పదార్థ ధర్మాలు - పదార్థ ప్రవహాలు, వాటి  
అయోగి మరియు వాటి సూక్ష్మ నిర్మాణాన్ని తెలుసుకుంటే,  
అదనంగా వాటిని ఉత్పాదించుటకు అది చూపిస్తుందని అను  
కుంటున్నానని సభాస్థు నందు పంచుకున్నారు.

కళాశాల ప్రెసిడెంట్ డా॥ గె. ప్రవీణ్ గారు ,  
మాట్లాడుతూ , మెకానికల్ ఇంజనీరింగ్ విభాగం వారు నిర్వహించిన  
ఈ సదస్సు ఎంతో ఉపయోగపడింది, ఈ మధ్య కాలంలో అది  
విద్యార్థులు చూసిన ప్రతిభ స్పష్టమైంది పాఠశాల మరియు  
విశ్వకర్మ బాట్రు ఎంతో వర్ధిల్ల వలెనని తెలిపారు. పదార్థాల  
అభివృద్ధి వాటి ధర్మాలు, ఉపయోగ పరికరాలు - వాటి వివరాలు,  
పరిశోధన సాధనాలు వాటికి వలస వలసగానే సర్దు చేశారు.

ఈ సదస్సు ఫ్రాండ్స్ మరియు కన్వీనర్ ఉయిన డా॥  
శ్రీ సుబ్బే కుమార్ సో మాట్లాడుతూ, ఈ సదస్సు పరిశోధనా  
విద్యార్థులు మరియు ఉద్యోగులకు ఏ విధంగా ఉపయోగ పడు  
తుందో, ఎన్ని పేజీలకు పొందుతున్నారో, ఎన్ని టెక్స్ట్ బుక్స్  
ప్రచురించబడ్డాయో,  
గురించి వివరించారు.

మెకానికల్ ఇంజనీరింగ్ విభాగం ఉపాధి ఉయిన డా॥ N.  
సతీష్ మాట్లాడుతూ ప్రతి సభ్యురం నిర్వహించే ఈ సదస్సులో

ఉనేక మంది పాఠ-పఠచుకున్నారు. ఈ సదస్సును ఒక వీడియోగా  
భాషించి వారి మోకాకినా సుభంధమైన కొరాలిని సుప్రసించ  
వలసిందిగా కోరాది. ఈ సదస్సు నిర్వహణ విషయములను  
ఉన్న రకాలుగా సహాయ సహకారం అందించిన సంస్థ యజమాన్యవే  
మరియు సంచాలకులకు, మెకానిక్ ఇంజనీరింగ్ విభాగ సిబ్బందికి,  
కులక్షణాలు తెలియ చేశారు.

 8/3/19

Head of the Department  
Mechanical Engineering  
GOKARAJU RANGARAJU  
Institute of Engineering and Technology  
Bachupally, Hyderabad-500 090

# Dandiya

Dandiya, traditional dance featured during Navratri is joyful and is in live form even today. With the drastic changing trends in many festivals celebrated by today's youngsters, Street Cause-GRIET has been working on restoring the beauty of major festivals both environmentally and religiously.

We have tried to introduce students to the joy of traditional dances and lightened up their enthusiasm to add values to the festival. We have also informed all the participants to wear traditional attire to give an



extra boost to the look and feel of the event. The event started off with Bathukama and then it was continued by Dandiya.



The preparation had begun by involving hand-made crafts, alluring traditional Garba and decorative frames for artistic photos. Every volunteer gave their best to proliferate the aesthetic culture of Dandiya.



On the auspicious day, the event had begun with the lightening of lamp. Following this there was a prayer song. Before the dance had begun, a brief description about Street Cause GRIET was given to the freshers. DJ played songs related to Dandiya which uplifted the spirits of all the people in the event. Refreshments and fancy Dandiya sticks were provided as complimentary to all the participants .

**SPIRALS**

# **GRIET-Parliament**

**T**eam Spirals, the literary club of the college successfully conducted the event-GRIET Parliament. GRIET Parliament was open to students of all colleges, who were ready to delve into the escapade of debate and professionalism. It saw an active participation from first, second- and third-year students. The students were informed through announcements made in classrooms and social media pages of Team Spirals all the activities helped students to improve their communication and soft skills. All the students gave a positive response to the sessions and also received good support from the faculty.



GRIET Parliament followed the model of the Indian Parliament and comprised of

- The Speaker
- The Secretary-generals
- The ruling and opposition party members

The leader of the ruling party presented the bills and the opposition members declared their stance. The two bills for the session were- The Anti-Encryption Bill -The Uniform Civil Code Bill. The Ruling party was Social Democratic Party and the Opposition party was United Republicans Party. There were a total of 120 party members with sixty-five in the ruling party and fiftyfive members in the opposition party. The participants were given information brochures which had the rules and proceedings of the parliament. The session started off with lighting the lamp by Mrs.S.Renuka, Spirals Coordinator and a speech by Honorable Director JN Murthy sir. The session had alternate rounds of debates and discussions where the participants armed with statistics and data validated and made their arguments more emphatic. Appreciation awards were given in the form of merit certificates to the below participants

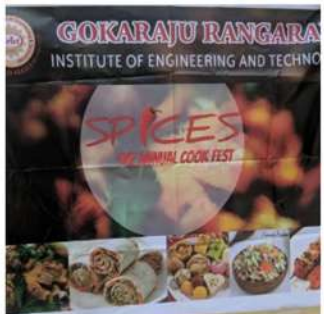
1. Anagha Bandaru GRIET
2. S.Tapasya GRIET
3. Trivedh M GRIET
4. Yashwanth Reddy Vasavi College of Engineering
5. Jhanavi Malla Reddy College of Engineering





# **CLUBS**

# Spices





# Gaming Club

Gaming Club GRIET conducted a workshop "AR day" on 22nd February 2019. The workshop taught participants to create augmented reality applications and games. The workshop saw participation of over 80 people from all the disciplines of the college as well as from other colleges. The workshop was conducted in collaboration with Unity Technologies and Developer Student Club. The faculty coordinator for the workshop was Mr. P.K. Abhilash and the student coordinators were Mihir Solanki, who is a student ambassador for Unity Technologies and Saif Allaiddin, College Lead, Developer student club.



# J-Lab @ GRIET





### International/National Level Recognitions achieved with details

S.No	Name of the Activity	Organized by	Date(s)	Number of Students Involved	Recognition
1	Hackathon	JNTUH In association with SOAL	9-10 Mar 2019	4	1st Runner Up
2	Hackathon	IBC	3-4 Aug 2018	2	1st Runner Up
3	Hackathon	JHUB, JNTUH	23-24 Feb 2018	3	1st Place
4	Hackathon	JHUB, JNTUH	23-24 Feb 2018	3	1st Runner Up
5	Hackathon	JHUB, JNTUH	23-24 Feb 2018	3	2nd Runner Up

### Winners of J-Hub Hackathon League

S.No	Name of the Activity	Organized by	Date(s)	Number of Students Involved	Recognition
1	Hackathon	SNIST	1-2 Feb 2019	4	1st Place
2	Hackathon	CVR	11-12 Jan 2019	3	1st Place
3	Hackathon	JNTU Sultanpur	10-11 Jan 2019	4	1st Place
4	Hackathon	CMR	04-05 Jan 2019	4	1st Place

### Winners @ J Hub JNTUH Hackathon



### 1<sup>st</sup> Runner - Up @ J - Hub Hackathon



### 2<sup>nd</sup> Runner - Up @ J - Hub Hackathon



### Runner - Up (50,000 /-) at Block Chain Hackathon Competition



A team of 4 students from our college secured the - "**First Runner-Up**" at IBC Hackathon, held from 3rd to 4th August 2018 at Novotel and HICC Complex and bagged a cash prize of **Rs. 50,000**.





## నూతన ఆవిష్కరణల దిశగా పయనించాలి

విద్యార్థులకు జేఎన్టీయూహెచ్ వీసీ ప్రొ. వేణుగోపాల్ రెడ్డి సూచన

జగద్గిరిగుట్ట: పారిశ్రామిక విప్లవం సేవధ్యంలో విద్యార్థులు ఆవిష్కరణల దిశగా శ్రమించి, నూతన అంశాలు ఏర్పాటు చేసే విధంగా కృషిచేయాలని జేఎన్టీయూహెచ్ వీసీ ప్రొ. వేణుగోపాల్ రెడ్డి అన్నారు. బాచువల్లిలోని గోరరాజు రంగరాజు ఇన్స్టిట్యూట్ ఆఫ్ ఇంజనీరింగ్ కాలేజీలో శుక్రవారం అందుర ప్రయోగశాల (జె-ల్యాబ్స్) ప్రారంభించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా హాజరైన వీసీ మాట్లాడుతూ జె ల్యాబ్స్ అందుకు అవసరమైన అన్ని సాఫ్ట్ వేర్, హార్డ్ వేర్ వనరులను సమకూరుస్తుందన్నారు. రైతులు, మాలిక వనరుల



జె-ల్యాబ్స్ను పరిశీలిస్తున్న వీసీ ప్రొ. వేణుగోపాల్ రెడ్డి తదితరులు

రంగాలకు ఈ ఆవిష్కరణలు దోహదపడాలని మాన్య ప్రతినిధి జీవీకే రంగరాజు, ప్రయోగశాల సమన్వయ కర్తలు డా. నాగేంద్ర, ప్రదీపేర్లొగ్గన్నారు. డి.సి.పి. డా. జె.ప్రవీణ్, యాజ

### First Prize at CMR Hackathon Competition



A team of 4 students from our college bagged the **First prize** in the 36-hour Hackathon - RURATHON conducted by CMR Engineering college (J-Lab) in association with JHub (JNTUH) from 04th to 05th Jan 2019.

## First Prize at JNTUH CES Hackathon Competition



A team of 4 students from our college bagged the **First prize** in the 36-hour Hackathon - RENEWABLE HACK conducted by JNTUH, Sultanpur (J-Lab) in association with JHub (JNTUH) from 10th to 11th Jan 2019.

## First Prize at CVR Hackathon Competition



A team of 3 students from our college bagged the **First prize** at 36-hour Hackathon conducted by CVR College of Engineering (J-Lab) in association with JHub (JNTUH) from 11th to 12th Jan 2019.



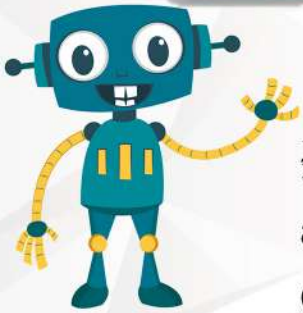
## First Prize at SNIST Hackathon Competition



A team of 4 students from our college secured **First place** in Design2Solve, a 36-hour Hackathon conducted by SREENIDHI SNIST (J-Lab) in association with IIITub (JNTU II) from 1st to 2nd Feb 2019.



# ROBOTICS CLUB



Robotics is an interdisciplinary branch of engineering and science that includes mechanical engineering, electronic engineering, information engineering, computer science, and others. Robotics deals with the design, construction, operation, and use of robots, as well as computer systems for their control, sensory feedback, and information processing. The robotics club in our college has conducted a 2 days workshop on “WEB CONTROLLED LED’S AND COLOR DETECTION USING RASPBERRY PI” from 10-11 October 2018. A lot of students turned up for this workshop with great interest and they also gained a lot of knowledge.





# Rhythms

Pulse 2k19 - Flashmob held at manjeera mall hyderabad by rythms tam and pulse team

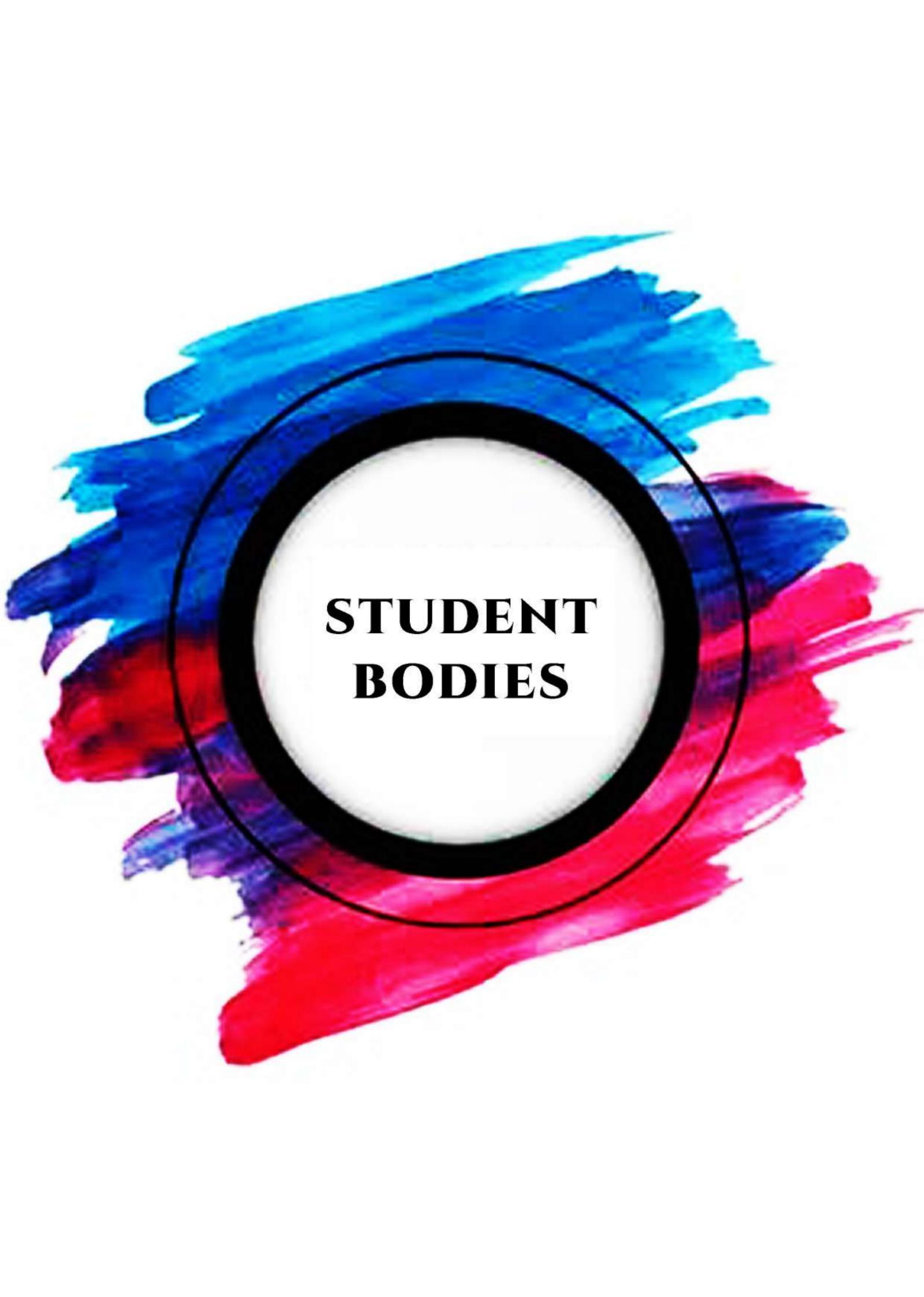


Battle of bands and step it up competitions conducted by the RYTHMS on event day of Pulse 2k19









**STUDENT  
BODIES**

# Computer Society of India

The winsome group of CSI aims to develop skills amongst students in all aspects. GRIET CSI SB with great erudition, spotlights the latest and imminent technology from across the globe.

We are committed to the advancement of research, development, training and education in the School of Computing under CSI and percolate benefits and knowledge to all sections of the CSI SB. Our intent is to provide bright ideas and keep the Student Branch vibrant.



CSI Student Chapter organises 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 outside world, social responsibility is built among students for the benefit of humanity.

The Technical Talk held by Ms. Kiranmai Akidi by Computer Society of India for CSI students was held on 18th January 2019 as a part of Resonance 2019, in Hall 1 opposite of OBC Bank. This Tech Talk was conducted to arrange an interaction session for the CSI student to make them understand the importance of project management and waterfall, agile scrum module and internships and to utilise the CSI platform efficiently. Total number of students who attended the meeting are above 200. The event was organised by the CSI President and CSI-SB Core Committee and was succeeded with the guidance and support of HOD maam, CSI SB Counsellor, Nominee faculties.



# KAUN BANEGA ENTREPRENEUR 2K18

The event Kaun Banega Entrepreneur by CSI SB was held on 29th September 2018 in Hall 1. This event was conducted at college level where all students from all the departments and years participated. Total number of students registered for the event are 152. The event is based on innovative start-up ideas and pitching of their ideas. The event was organised by the CSI-SB and succeeded with the guidance and support of CSE HOD, CSI SB Counsellor, Nominee faculties.



# RESONANCE

Resonance is an innovative platform witnessing ideas Turning into actions, Workshops transforming passive listening into interactive learning and plethora of events and activities under banner of Technology for quenching thirst of Techno maniacs spreading across 2 days on 18th and 19th JANUARY 2019.

This mega fest was an amalgamation of technical and non-technical events. The target audience were all the students irrespective of their branch or year. Workshops included latest trending technologies like : Machine Learning, Mobile App Development, Web Development and Ethical Hacking.

Non-Technical events like Code-a-thon, Code Bingo, Virtual Mania, Meme Making and PUBG The Mega event was started off by the inauguration followed by

A Tech Talk on the topic - "IT Service Delivery/BAU Operations management - methodology and process" Resource person: A.Kiranmai Reddy, Service Performance Manager - TCS, Australia which was then followed by the workshops, technical and non-technical events. Overall this mega fest was the epitome of knowledge and fun.



# EETC

ELECTRICAL ENGINEERS CLUB



## Interaction with the industry and academy experts



## Industry Visits



# Workshops





# ISTE - Mela

The Indian Society for Technical Education (ISTE) student body of GRIET has conducted MELA-a tech carnival on 25th March 2019, which aims to provide students a platform to improve their technical skills. MELA stands for Music Education Literature and Arts as the name depicts MELA not only has technical events but also has non-technical events, music, art and literature. This fest is a platform for overall development of budding engineers.



ISTE GRIET SB has been conducting MELA from past 3 years for first years exclusively and have set a benchmark for all other student bodies in the college, MELA is organized every year annually with 30 best events which include technical, non-technical, arts and literature. This one day carnival helps the students in their overall development. ISTE MELA also has inter-branch competitions which brings out the competitive spirit in students. An enormous majority of participants were contended with the organization of events. A prodigious amount of students were appeased with the quality of events and also the management.





# Entrepreneur Cell

## **Objectives of Entrepreneurship Development Cell:**

1. Increase the number of start-ups.
2. Support to start-ups through training, Incubation space, mentoring and networking
3. Give training and knowledge on doing business to interested students.
4. Increase innovative spirit of students by conducting competitions.
5. Increase exposure of students by sending them to attend competitions outside.
6. Apply for Incubation and start-up funding.
7. Develop In-house patent filing unit.

Events such as Sub committee meeting for screening of Ideas under MSME Business Incubation, Design Thinking Workshop was held in collaboration with Innovation Cell, GRIET, Orientation session on Entrepreneurship was conducted for students, Boot camp for CSE & ECE students was organised by Nucleus Tech in association with Govt. of Telangana and T-Hub in collaboration with Vardhaman College of Engineering. There are eight start-ups in GRIET, which include both product based and service based start-ups.

# IEEE

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE GRIET SB is the current leading branch of Gokaraju Rangaraju Institute of Engineering and Technology. The Executive committee works on the sole principle of representing their respective Chapters and Affinity group.

The Power and Energy Society (PES) provides the forum for sharing the latest in technological developments in the electric power industry, for developing standards that guide the development and construction of equipment and systems, and for educating members of the industry and the general public.



The Compute Society (CS) is the world's home for computer science, engineering, and technology. A leader in providing access to computer science research, analysis, and information, the IEEEGRIET SB CS offers a comprehensive array of unmatched opportunities for individual. Events such as Pragnya, Techienest, Oxymora Technology Pvt. Ltd. conducted a 2-Day Workshop on MSP-430 Microcontrollers Using Embedded System and Paper Presentation were conducted by IEEE this academic year. Many non-technical events were also conducted. The events included CircuitriX, Tricky Tech, Fast and Furious, Box Cricket, Can you 'C'it?, Code Errors, Quicky Champs Etc.



The Women In Engineering Affinity Group is network of IEEE members and volunteers dedicated to promoting women engineers and scientists, and inspiring girls around the world to follow their academic interests in a career in engineering and science.



# IETE

The Institution of Electronics and Telecommunication Engineers (IETE) founded in 1953 is one of the leading Professional Society in India. The objectives of IETE focus on advancing electro-technology. The IETE conducts and sponsors technical meetings, conferences, symposia, and exhibitions all over India, publishes technical journals and provides continuing education as well as career advancement opportunities to its members. ISF is the IETE Student Forum. The IETE Students' Forum (ISF) at GRIET has been formally approved by the Executive council of IETE in the month of october,2010.

## **Objectives of ISF :**

1. Improving standard of Engineering Education
2. Counselling the students in the emerging new opportunities
3. Encouraging and motivating the outside Class room studies /Work shops/projects/Seminars
4. Increasing the student base and Corporate membership of IETE

# Activities :

1. To plan, organize Technical Programs, Special Lectures, Workshops, Seminars Symposia, exhibitions for the benefit of students.
2. To provide common platform for students to exchange of ideas in technical topics of interest, e.g., curriculum, employment, higher educational opportunities, emerging trends, etc.
3. To facilitate technical visits, project works, employment, contact with industries and academic institutions.
4. Encourage team spirit and self reliance among student members.
5. ISFs should be a catalyst for the overall growth in technical and professional skills in young students.



# National Service Scheme

The National Service Scheme (NSS) is an Indian government sponsored public service program. The year started off with the celebration of International Yoga day where 100+ staff and students participated. Harithaharam organized in coordination with CII placed 2000+ saplings in and around campus.



YOGA DAY



HARITHAVANAM

NSS student volunteers visited the intellectually challenged home on 15 Aug 2018 and conducted events and competitions like Cricket, painting etc and handed over the required groceries for their daily usage.



**B**lood donation camp was conducted in coordination with Indian Red Cross Society Hyderabad where 360 donors donated their blood. The Swachhta Pakhwada conducted in an around GRIET Campus created awareness about cleanliness, to protect the natural resources, environmental friendly activities were conducted in the surrounding villages and also to the students and staff in the campus.



**BLOOD DONATION CAMP**



**THE SWACHHTA PAKHWADA**

Eco friendly Gansha idol making competition was conducted where 30 teams participated. These Eco-friendly Ganesha's were distributed among 650+ students and staff to create awareness and reduce the use of plaster of Paris which pollutes the water.



Telangana Harithaharam Award from CII on 20 mar 2019 from Padmabhushan Dr VK SARASWAT, member NITI AAYOG at CII Annual meet for planting 2000+ saplings in and around GRIET Campus.



# Street Cause

Street Cause, GRIET caters to the society in different activities like education, health and hygienic, conducting awareness programmes about computer literacy and digitalization at different places in and around Hyderabad, Rangareddy and Sangareddy districts. Our journey for this year we conducted several service events for the people in need.

The paper recycling was the event that kick started our year followed by the sales of Eco friendly Ganesh idols to spread awareness about the environment, a blanket donation drive was conducted and blankets were distributed to the homeless and the destitutes during the winter season.

Many activities were done in Ettigadda Sangam such as cleaning the environment and placing cement garbage bins for future cleanliness, the government school was given a CPU to encourage digital studies, water supply connection was established to the government school and a medical camp was held for everyone in the village.

Candle moulds were presented to The Good Samaritarian Old Age Home so that they could start their own business. Sanitation was provided as the old age home was in a very unhygienic condition. Donations were made for the Srikakulam and Kerala Flood relief camps. Sastra- Free Education drive was conducted by the students of Street Cause for the students of Zilla Parishad High School, Nizampet. A National level Environmental Fest RUEDO 2019 was conducted by Street Cause, NSS and Green Campus teams under the guidance of Dr.V.Lakshmi Prasanna and Dr.T.Padma



**STREET CAUSE AGM AWARDS 2018-19**  
**GRIET**  
**OUTSTANDING DIVISION AWARD**





# SAE

## **Aim :**

To advance mobility knowledge and solutions for the benefit of humanity. SAEINDIA GRIET COLLEGIATE CLUB is the leader in connecting and educating mobility engineers to enable safe, clean, and accessible mobility solutions.

## **Objectives :**

- To make the students involve in the practical experience of the projects.
- To showcase their talent in static and dynamic events of various competitions and to have a great exposure all over the nation.
- To inculcate a sense of teamwork and responsibility by encouraging them to organize events.
- To make them acquainted with various useful technologies by conducting workshops.
- To enhance the importance of communication skills and thereby encouraging the members in it by conducting events and participating in the competitions

## FMAE BAJA 2018



Won overall All India 2nd Prize, 1st in Technical Inspection, 2nd in Endurance, 1st in Cost Report and 2nd in Design Report in FMAE BAJA which was held at Hyderabad

## **Aero design 2018**



Students participated in AERODESIGN Competition 2018 which was held at Chennai and secured 15th Position.

## **ESI BAJA 2018**



Students participated in ESI BAJA 2018 which was held at Coimbatore and secured 35th Position.

## MECHANO 2019

<b><u>SN</u></b>	<b>Name of the Activity</b>	<b>Date</b>	<b>Number of Participants</b>	<b>Speaker Name &amp; Address</b>
1	MECHANO2018	21 to 23 Feb. 2019	105	Mr. Krishna Mohan, GRIET



# ISHARE

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), was founded in 1981 at New Delhi by a group of eminent HVAC&R professionals. ISHRAE today has THOSANDS OF HVAC&R professionals as members and additionally there are THOUSANDS OF Student-members. ISHRAE operates from over 42 Chapters and sub Chapters spread all over India, with HQ in Delhi.

It is led by a team of elected officers, who are members of the Society, working on a voluntary basis, and collectively called the Board of Governors.

ISHRAE Objectives:

- Advancement of the Arts and Sciences of Heating, Ventilation, Air Conditioning and Refrigeration Engineering and Related Services.
- Continuing education of Members and other interested persons in the said sciences through Lectures, Workshops, Product Presentations, Publications and Expositions.
- Rendition of career guidance and financial assistance to students of the said sciences.
- Encouragement of scientific research.



Won 1<sup>st</sup> place in quiz conducted by ISHRAE DECEAN chapter



Eight members are short listed in ISHRAE Job Junction -2018



**ART  
POEMS  
QUOTES  
ARTICLES**

# ART



**PAINTINGS BY  
NETY MEHER VISWANATH  
CSE Dept.**



**SKETCH BY  
AISHWARYA KANKURTE  
ECE Dept.**



**ART BY  
SAI KRISHNA  
CSE Dept.**



**WALL PAINTING BY  
MEHER VISWANATH , KAUSHIK S,  
ANAGHA. B , MOUNYA. A , MAHIMA TEJA  
CSE Dept.**



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RAMYA  
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**ART BY  
NAMITHA TAKHUR  
IT Dept.**



**PAINTINGS BY  
AKASH  
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# QUOTES

**The cerebrum**  
is like internet browser  
where 29 tabs opened..  
7 of them stuck  
and  
no clue where  
the music  
is coming from!!

-MV



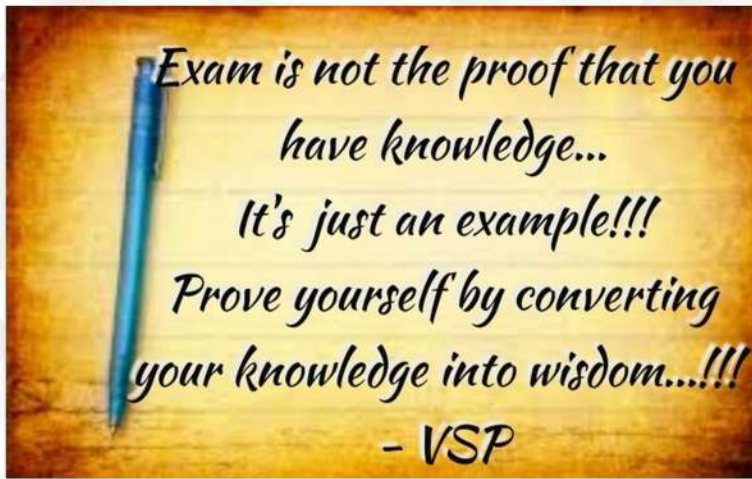
**Meher Viswanath**  
CSE Dept.

Don't accept their weakness as u r  
strength...  
Accept u r strength as their weakness

– nikamwrites 🎲



**Nikam Rupesh**  
IT Dept.



**V. Sahas**  
**Mechanical Dept.**

**Y. Umakanth**  
**EEE Dept.**



**MATHEMATICS MAY NOT TEACH US  
HOW TO ADD HAPPINESS**

**OR**

**HOW TO SUBTRACT SADNESS  
FROM OUR LIFE.....**

**BUT IT DOES TEACH US ONE MOST  
IMPORTANT THING.....**

**" EVERY PROBLEM HAS A SOLUTION"**

**-THE BEAUTY OF MATH**

**N.Venkata Naga Sai**  
**ECE Dept**

**Striving for success  
without hard work  
is like trying to harvest  
where you haven't  
planted.**

**Sriram Soma**  
**ECE Dept**

# Poems & Articles

## From Industry 1.0 to Industry 4.0

The on set of Industry 4.0, is creating a paradigm shift in the thinking of companies, manufacturing agencies, policy makers, and academia all over the world. The Industry 1.0 witnessed the introduction of steam engine as a power source revolutionizing the manufacturing, the second revolution progressed with electricity and scientific management principles, whereas 3.0 revolution rapidly progressed with computers, PLCs, internet, CNC machines, concepts of fully automated and unmanned factories and now the stage is set for Industry 4.0 revolution. The new revolution is expected to bring in a lot of digitalization, automation and seamless integration of variety of devices both in manufacture and service sectors through internet. Communication and connectivity are going to play a major role. IoT, Big Data, 3D printing, robotics, automation, advanced materials and manufacturing philosophies shall be intelligently integrated. More experts, users will be required with skills in cryptography, Cyber security. Every government is trying hard to boost their economies promoting players with advanced technologies and philosophies at the same time create environment conducive to better employment opportunities. “Will Artificial Intelligence with its various limbs like machine learning, deep learning, data analysis and automation make the need of man irrelevant and if so to what extent” is a question haunting the planners all over the world. It is very clear, many new technologies and innovative ways of integration provide a range of disruptive

**- Dr. Jandhyala N Murthy**  
**Director of GRIET**

# **An Abode Of Culture & Tradition INDIA**

**A nation's culture resides in the hearts and in the soul of its people."** INDIA is blessed with it's rich cultural and heritage value. This can be understood and experienced only if you live among the natives. A mosaic of faiths, heritage, traditions, cultures and languages that blend harmoniously to form a composite whole. One of the world's oldest living civilizations-which gave the world-the concept of zero(0), the primordial sound "Om", yoga , Buddhism.

The culture of India is one of the oldest cultures in the world . Right from the medieval period there prevailed cultural diversities in the form of dances, people, fair and festivals, languages, their culture, religions. Every state in India has its own distinct & unique cultures and has carved out its cultural depth. Whenever we talk about the culture and colors of India, a flash of vivid images of blossoming green forests, glittering blue lakes, magnificent scenic beauty sweeping panoramic view, imposing Snow-clad peaks reaching for the sky, sounds of the crowded bazaars and exuding aroma of curry and sandalwood. All about India is so gorgeous and it's diverse unique culture adds cherry on the cake. The cultural heritage of India has it's roots in the diverse components of culture i.e, musical heritage, dances, sculpturing and other fine arts, festivities, languages spoken, traditional beliefs and customs, food and many more. Indian culture is a numerous blend of varying styles and influences. Understanding India with a long history of conquests and complex social and religious systems can be daunting. It begins with a mysterious culture along the Indus River and in farming communities in the southern lands of India. The history of India is punctuated by constant integration of migrating people with the diverse cultures that surround India. By the end of the fourth millenium BC , India has emerged as a region of highly developed civilization. The beauty of Indian people lies in the tolerance, give-and-take and a composition of cultures that can be compared to a garden of flowers of various colors and shades of which, while maintaining their own entity , lend harmony and beauty in the garden-India!

**-Lasya Mayukha  
CSE Dept.**

# THE STUDENT'S WORLD

Since I have decided to make up an article for the magazine, there is a joy and frustration of deciding what to write about.....

Sometimes an idea spontaneously comes to my mind and i will be compelled to sit and hammer the article. I will have several thoughts in my mind then and my article will be inundated by all the stuff. But sometimes, there are situations where I hit a wall. Try as much as i might, but i can't come up even with a single thought and i spend hours thinking what to include in my article that can add new conversation to it..... With all these efforts, finally, i have decided a topic and made an article believing that this would be a contemporary one and will be useful to all the students (just like me).....

Right from our childhood, we encounter many questions like what do you want to become on growing up or how do you visualise yourself 10 years from now and like such. We undergo tremendous changes in this process physically and emotionally as well. Besides, our awareness about ourselves and the perception towards society changes. Our priorities differ and our attitude changes rapidly. The primary thing would be to acquire self-esteem and establish their own identity..

Many questions arise into our mind.... what am i good at, what do i do with my life, what do i choose as my career and as such. But most of the people fail in realising the ground reality of the world that they are about to enter. They lack faith in themselves and do not understand that their life is within their control. With a proper synchronisation of VISION, PLAN, FOCUS ON EXECUTION, students can come up with flying colours in their lives.

Let us take an example of a bicycle, the back wheel generates the push and pull to the bicycle which will be attained by repeated pedaling. We then wonder what would the front wheel do if all the work is done by the back wheel... The front wheel provides the direction to the bicycle, like defining a proper way of utilising the force generated. Similarly, we need to have a proper VISION like what do I want to do. just PLAN it like how do you want to materialise your thoughts into actions and finally, FOCUS ON EXECUTION. There must be an indomitable spirit in executing the plan framed.

Moreover, Education is actually not the amount of information that is put into our brain. Swami Vivekananda defines education as

**"WE MUST HAVE LIFE-BUILDING , MAN-MAKING, CHARACTER-MAKING ASSIMILATION OF IDEAS. IF YOU HAVE ASSIMILATED FIVE IDEAS AND MADE THEM YOUR LIFE AND CHARACTER, YOU HAVE MORE EDUCATION THAN ANY MAN WHO HAS GOT BY HEART A WHOLE LIBRARY."**

Having all the bookish knowledge in mind does not actually fetch anything great in life, especially in this contemporary world. You must be indulged into extra-curricular activities, sports (etc) as well. It's like a food to the soul.

**-V.N.L.Sruthi  
CSE Dept.**

# **Have a fear about what society will think about you.**

**As far as I observed society ,they need something to be gossiped upon, they want to say something to you be it negative or positive(mostly negative cause that's easy to say.)**

**What I do to deal with these people is I keep a filter system in my mind for the words they say, if the words are negative and they de-motivate me or against my vibes, I ignore them, but if they are negative but they do show up my flaws , I take them in to consideration and work on them. If they are positive I listen to them, feel happy at that moment and continue with the work. I won't let that good comments get over my mind.**

**When you're 20, you care what everyone thinks, when you're 40 you stop caring what everyone thinks, when you're 60, you realize no one was ever thinking about you in the first place.**

**- Srikar Pasula  
CSE Dept.**

# Poem of Life

Love to be loved always!!!

The brightness of my life is just  
the existence of "you" !!!

The joy of my smile is the  
love of "you"!!!

The struggle of my life is  
the pain of your "heart"!!

Tears of my life is the  
sign of my "victory"!!

Two colourful hearts is the  
sign of our "Colourful Life"

*Shined To Be Loved Always*

-J Bhuvana Sree  
ECE Dept.

## JOURNEY OF LIFE

Well life doesn't go the way you expect t,  
But we know never know never  
What it has in store for us;

It's always mysterious in its ways of action,  
But being surprisingly beautiful justified in its  
outcomes;

I've learnt much & know to introspect,  
As to what was the reason for its act?

As you may have to struggle,  
It may ask you to humble,  
It'll make you change the way you see,  
Till you're on the same page as thee;

If life was all so simple,  
It wouldn't have intrigued me;  
But life is complexly simple,  
Which is all connected by a dotted line of  
actions-simple,

That have me humbled.

I've also learnt this through experience,  
Sometimes through loss, pain & loads of bad days,  
But every time I knew there will be sunshine,  
Even after long, stormy, rainy days;


I've also learnt through rainbows & cupcakes,  
Through laughter & love-aches,

Through gains & sizing responsibilities,  
And from the Women in my life to rise again;  
As life is all but a stage,

Lie Shakespeare say,  
"All's well that ends well".

POEM BY: TEJAS NAMBIAR

ECE Dept.



# **GROUP PHOTOS**

# COMPUTER SCIENCE AND ENGINEERING



2015-19

# **ELECTRONICS AND COMMUNICATION ENGINEERING**



**2015-19**

# **ELECTRICAL AND ELECTRONICS ENGINEERING**



**2015-19**

# INFORMATION TECHNOLOGY



2015-19

# MECHANICAL ENGINEERING



2015-19

# CIVIL ENGINEERING




2015-19



# **GOKARAJU RANGARAJU**

## Institute of Engineering and Technology

 **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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