INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

(IEEE)

Student chapter **Institute of Electrical & Electronics Engineers (IEEE)** established under the department of Electronics and communication Engineering on 27th Aug 1998, IEEE (Institute of Electrical & Electronic Engineers) is the worlds' leading resource for technological innovation and professional network in the fields of electrical,electronic & computing. A professor acts as counsellor for the chapter and other office bearers are nominated by the counsellor. Any student belonging to ECE, EEE, EIE, CSE, CSIT, ME and CE disciplines can become a member of this chapter by paying the required fee of 27USD per year to the treasurer, IEEE international through the local chapter. The activities of the Chapters includes Seminars, Workshops and Technical Symposia, Certification Courses & Guest Lectures to keep faculty and students updated with latest developments in various technologies. Every year we conduct a National Level Technical Symposium Convergence. The students under the society are moulded into competent software professionals, to face the challenges of the different sector. We also had received the "exemplary student branch award for the year 1999-2000" and also the "best branch counsellor award for the year 2000-2001" Student Members

IEEE BOARD MEMBERS

Name of the member	Designation
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VNRIEEE WOMEN'S DAY

Each year, March 8th – and the week in which it falls – provides an opportunity to take stock of our progress towards gender equality and to honour the contributions women have made and are making around the world. This International Women's Day, we came together in solidarity to celebrate our progress and to resist the patriarchal, communal and regressive forces that are operating with utter impunity in our country.

Naari Shakthi is an awareness talk conducted by IEEE Women and Engineering .VNR Student Force on the occasion of International Women's day. In the present era menstruation is often not discussed openly and the silence of it in young girls is keeping them ignorant of the biological process going on in their body. Proper guidance and knowledge lack among many young girls on their physiological process, communal misbelieves and hygienic practices to be followed.

Suffering is the root cause of Revolution, with this intention of making young girls aware of the Menstrual hygiene, Prevention from Anaemia and Prevention from Sexual Harassment , VNRVJIET has conducted an awareness talk in collaboration with DHI Foundation and SHE Team Hyderabad that gave insights for many young girls in the college regarding the menstrual hygienic methods and tips and also filled them with the courage and strength to fight against sexual harassment by the new methods of SHE Team.

An interactive session by Mrs. Himabala (Founder of DHI Foundation) gave a brief about the puberty and menstrual hygiene, the tips to prevent anaemia, how the psychological imbalances can be maintained , and also regarding the social stigma that girls have in speaking about menstruation which may leave bad effects on their reproductive health .The talk also gives a clarity over few communal practices and the scientific reasons behind them which are being misunderstood and followed blindly as communal beliefs. The session made the people to remove the taboo of expressing the problems regarding their menstrual health and the stress they take during the period. It also included a survey on Menstruation and Sexual abuse.

A Memento presentation by Dr. Y. Padma Sai (Left) to Himabala, Founder of DHI (Right)

A memento presentation by Dr. Y. Padmasai to Representative of SHE Team

Talk by a representative by SHE team member gave insights of atrocities against women in Hyderabad and the actions taken by them.Waiting for a protection force is secondary but the courage to fight against the abuse is required on moment i.e., self defense how to protect themselves through various means. The talk also included the means of reporting harassments by reaching out to them through helplines and social media, and the actions to protect the victim. Few laws that protects the girls and the rights were also discussed and the assurance of keeping the information of victim confidential is also been added. Doubts of the young girls in reaching SHE team and their actions against atrocities are clarified at the end of session by interacting with the speaker.

MAKE-A-THON

MAKE-A-THON

MAKE-A-THON is an event which is mainly conducted to encourage and refresh the skills of students who can build prototype and have could innovative ideas

That day was the spectacular day on the occasion of MAKE-A-THON, conducted by IEEE STUDENT BRANCH VNRVJIET. Almost, 16 teams have participated. Basic components

are given to each team to build a prototype on the problem statement given, prior to the event. The teams were expected to build the prototype within 8hrs on the day of the event. After the participants were ready with their prototype they were judged by the ECE HOD, Dr. Y. Padama Shayi, Dr. R. Manjula Sri, Dr. A. S. Rao and the principal C. D. Naidu. Finally, the top three winners of the year were selected and were awarded merit certificate that selected teams would be funded to make their prototypes into a product based model. Internship opportunities were also offered to help them experience the world of working.

The main motto of the season is to encourage the students to come up with innovative ideas to meet the real-time situations and overcome those problems. The students were also motivated and guided by one of the co-founders of JARSH INNOVATIONS.

INFERNO 2K17

INFERNO 2K17 was conducted on 18th Sep 2017 and the Guest of Honor is Sri. Kannan Raja gopalan.

INFERNO 2K17 was a 2 day Technical Symposium which provided a platform for the students to prove their visibility. This Symposium contained a total of 7 events and 2 workshops. This fest also provided a platform for young minds to present their ideas.

The workshops focus on the current topics like Internet of Things (IoT) with Raspberry pi and Ethical hacking delivered by famous experienced industrialists.

RASPBERRY PI WORKSHOP

Mr. SAURABH, the technical guest and the coordinators gave their best in making it a huge success. Participants have been made exposure to the latest ongoing IoT technologies along with its key fundamentals. The students had a whole new experience as everything was taught from the scratch and equal emphasis was laid for clearing the queries and an entirely way new learning environment gave the students a memorable experience.

ETHICAL HACKING AND CYBER SECURITY WORKSHOP

The ethical hacking workshop turned out to be a very good success. The interaction of the ecstatic young hackers with Mr. OOPPSS was both entertaining and informative. New and quick methods of hacking were dealt which kept the participants at the edge of their seats.

The Events were filled with fun and technical stuff made the participants enjoy and think actively at the same time. The events brought the participants hidden talents to light.

Participants have explored all the events and have used the opportunity they have spent for the events to the fullest. Events have tried their best to give exposure to the participants about various fields of development. Participants have enjoyed a lot while participating in the events with their friends and had fun.


TECH TALKS

Tech Talks was conducted successfully in the seminar hall on the first day of the technical symposium INFERNO2K17, its main motive was to give a platform to speakers to share their experiences and lessons they have learnt in their journey .The speakers in the tech talks were Mr. Raman Teja and Ms. Aashwitha Reddy who are entrepreneurs and leading their respective companies, they have spared their valuable time beside their daily schedule to interact and give suggestions to the new generations. They have given valuable knowledge and suggestions not only as a successful person but as fellow seniors who have graduated from the same college.

YOUTH PARLIAMENT was conducted on the 2nd day of the technical symposium INFERNO 2K17, the motive for the youth parliament was to provide all enthusiasts a platform to discuss and share their point of view to a raised problem in the discussion. VNRIEEE team conducted the youth parliament successfully with a motive to discuss about the topic EMERGENCE OF AI OVER THE GLOBE, we divided the participants into 4 groups each representing an occupation they were assigned and to speak about the topic in the point of view of their respective occupations assigned without restraining them with a language barrier. Participants were very active to give their thoughts and to support each other points and add new points to the raised problem. In the end the event was concluded with the moderator speech by Dr. Sri Hari, Professor, ECE, summing up all the points

PAPER PRESENTATION given a platform to submit and give technical presentation on their ideas to the audience and win cash prizes. Participants had used the platform provided to give wings to their ideas as to help them to reach the altitudes they deserve.
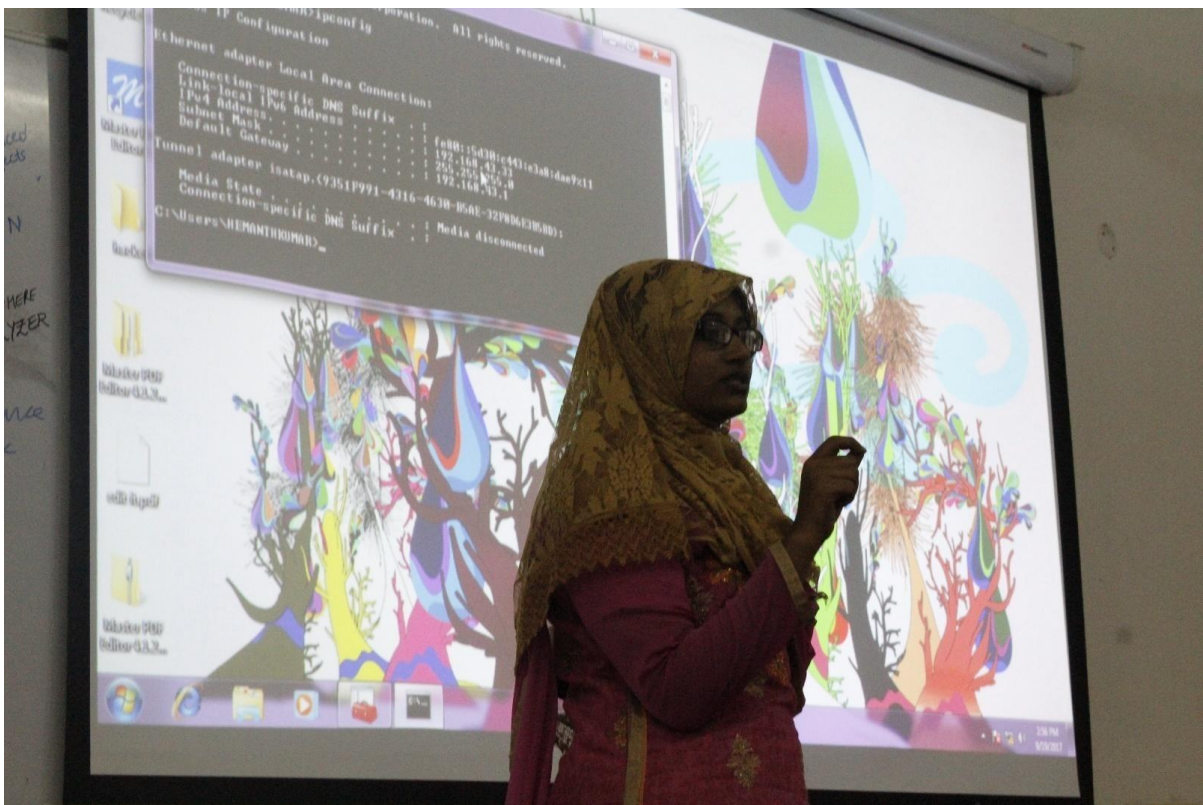
IEEE DAY

IEEE Day's theme is: "**Leveraging Technology for a Better Tomorrow**". While the world benefits from what's new, IEEE focuses on what's next. IEEE Day 2017 is the 8th edition of the same and will be celebrated on 3rd October 2017. The IEEE Day team is made up of student volunteers, young professionals, and staff. The principle task of the IEEE Day team is to initiate, motivate, and coordinate events and efforts to celebrate this day worldwide.

On the occasion of IEEE day ,IEEE VNR VJIET conducted a career vision program . The program was delivered by Dr. Ranjansenapati. The main aim of the program was to give a proper guidance for the student's in order to choose the correct path. The program started with the importance of gate exam and how to get secure seats in IIT's and NIT's and also explained about the student life in IIT's and NIT's . This was all about how to do masters in IIT's and NIT's in India. The other suggestions were to peruse masters from abroad. The procedure to get admission in foreign universities is discussed. Also how to crack GRE, IELTS and TOEFL exam and get a perfect score in those exams and we will get admission in better university.

Once again IEEE achieved its motto and continues to work for the students benefit.

ORIENTATION FOR FRESHERS

The members of IEEE VNRVJIET have warmly welcomed the students of the academic year 2017-2018 of different branches of VNR VJIET on September 1, 2017. The IEEE VNRVJIET members from II, III and IV years have attended the orientation for addressing the students.

At the beginning of the orientation, taking the orientation as a platform IEEE VNRVJIET members have addressed the students focussing on "what is a student chapter?", "why is it necessary?", "what is IEEE ?", "what is the role of IEEE in the society?", "what are the benefits offered by the IEEE for the member of this society?" & "how can one become a member of this society?" The students were shown a presentation of how IEEE was formed, and the current council members of IEEE.

Speaking on this occasion Sai Phanindra, IEEE VNRVJIET Chairperson, has also talked about IEEE student chapter and shared his experience and his journey with IEEE. He has

shared his memories with the VNRIEEE student chapter. During this phase we have shown the students how IEEE VNRVJIET has organized an international conference IACC 2017 in the college in January 2017, refreshing the memories of the event with a video and clarified the doubts of the enthusiastic students.

At the end, the orientation was concluded by showing the current IEEE VNRVJIET council members to the students. All the members finally requested the students to make use of all the facilities and get accustomed to the college and get involved in the student chapters.

WOMEN IN ENGINEERING (WIE) – WOMENS DAY CELEBRATION

Each year, March 8th – and the week in which it falls – provides an opportunity to take stock of our progress towards gender equality and to honour the contributions women have made and are making around the world. This International Women's Day, we came together in solidarity to celebrate our progress and to resist the patriarchal, communal and regressive forces that are operating with utter impunity in our country.
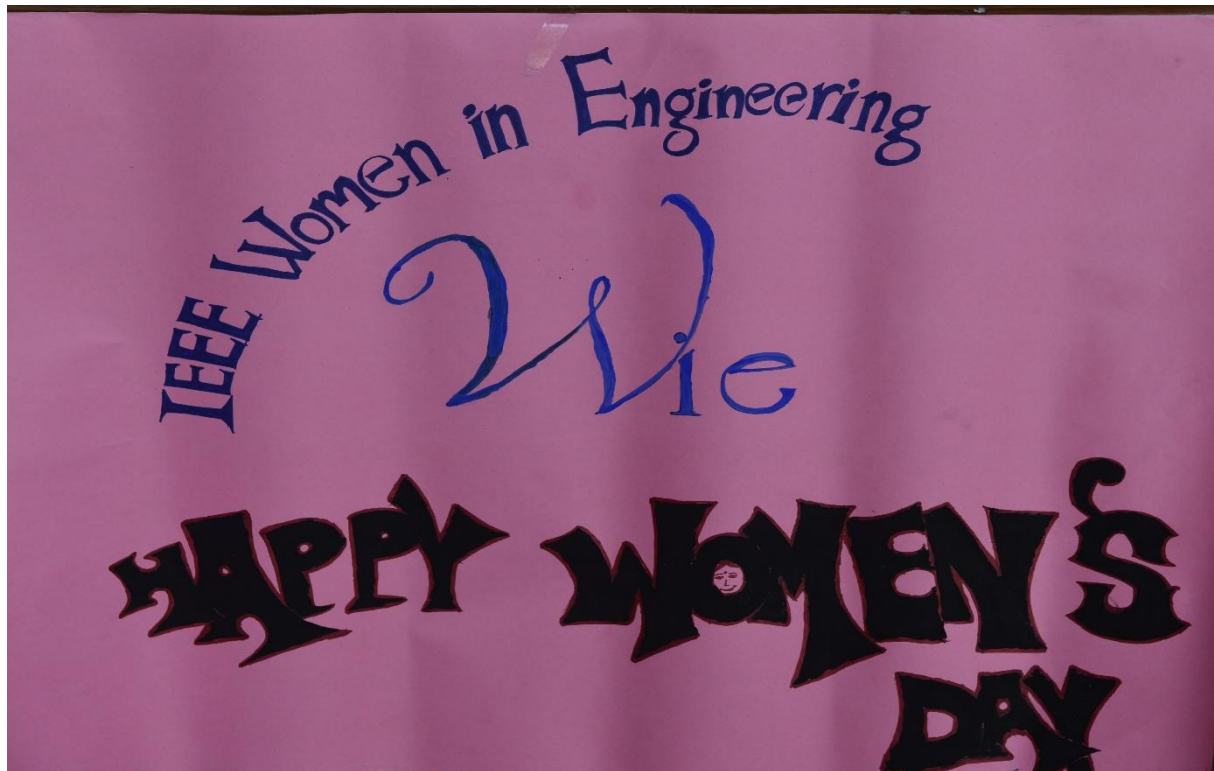
Being born a girl means clearing lot of troubles and it begins right at the starting line, sex selective abortions are frequent in countries like INDIA, where girls are often seen as a financial burden, discrimination begins even before birth. Sexual mutilation is the fate of at least 200 million girls in 30 countries that often leads to serious infections and death. 63 million girls are kept out of school and 700 million girls are forced to get married often to older men. Way too often, home is not a safe place as women are beaten and abused by their own partners. Even the lucky ones can never stop fighting for equal pay, equal opportunities and equal rights. Being born a girl means clearing lot of hurdles. Struggle for women's rights cannot be a one-day fight.

The theme for IWD 2017 is **#BeBoldForChange**.

Supporting International Women's Day and showing strong commitment to gender equality, VNRVJIET WIE leads when it comes to gender diversity and equality in the workplace and encouraging women to reach their full potential.

Drawings and mehendi competition and recognition of women for their extraordinary work marked the International Women's Day celebration in the VNRVJIET on Wednesday. The original aim – to achieve full gender equality for women, the world – has still not been realised. A gender pay gap persists across the globe and women are still not present in equal numbers in business or politics. Figures show that globally, women's education, health and violence towards women is still worse than that of men. On International Women's Day, WIE of VNRVJIET let the people recognise these inequalities – while also celebrating the achievements of women who have overcome these barriers and encouraging people to step up and take ground-breaking action to help drive gender equality.

When girls have access to education and technology they learn more and earn more pulling themselves and their family out of poverty. When women have equal rights and opportunities as peace-builders and leaders, peace agreements cover more ground and last longer. From climate change to extreme poverty they're ready to transform the world. Keeping these at first place, WIE has organised the events.
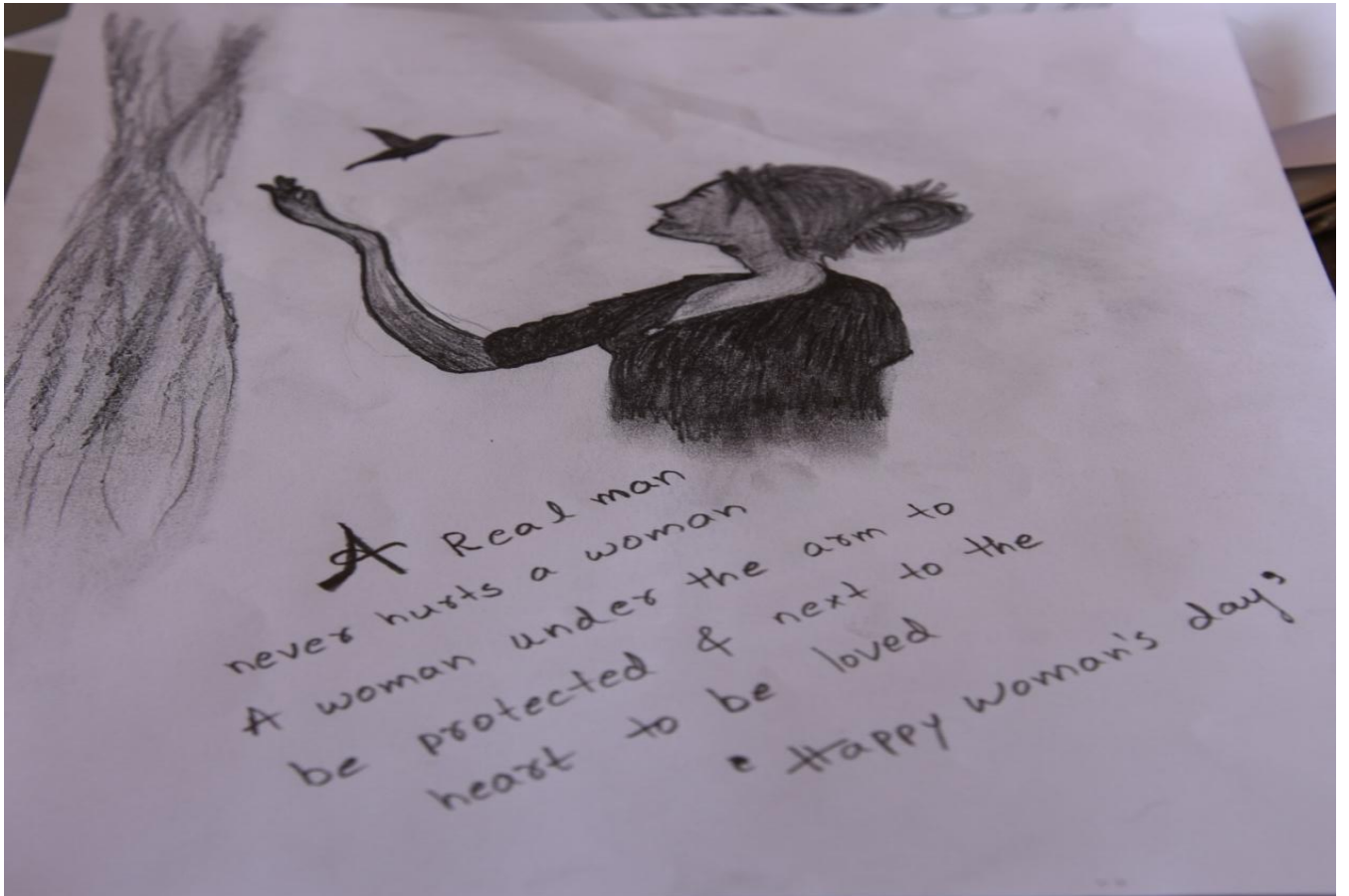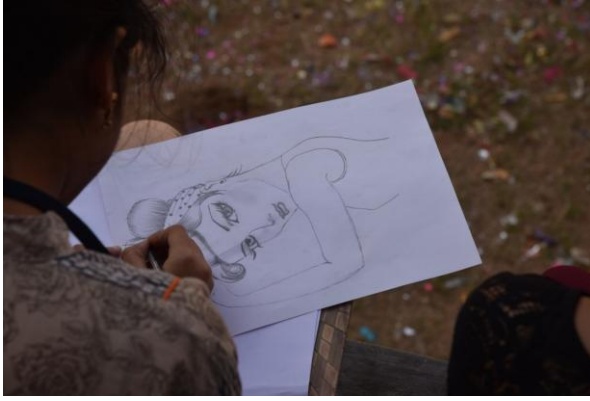
Preperation for event

Mehendi competition

Pencil sketching

A Real man
never hurts a woman
A woman under the arm to
be protected & next to the
heart to be loved
• Happy woman's day•

Event ended with cake cutting by …

INTRODUCING IEEE AND WIE TO JUNIORS

IEEE and WIE student chapter of VNRVJIET introduced world's largest professional association, the façade of growing technology, which has more than 4lakh members worldwide, 1lakh student members and two thousand student branches to freshmen. The organisation, which aims at advancing technology for humanity and is comprised of students from all engineering fields.

Sai Phanindra, the chairperson of IEEE – VNRVJIET, made students aware that this student chapter offers a multitude of skill sets, powerful mind development, conductive learning environment, networking opportunities and provides a chance to grow globally. Through this, members can connect with people worldwide, share and exchange knowledge, work as a team, strengthening networks and access to global digital library. It also provides a chance to improve skills and be a part of events, workshops and more.

The chairman of WIE – VNRVJIET, D Mounika explicitly explained about WIE student branch which strives for women empowerment to improve image of women in society. And bring out their intelligence and power. Boost their self-confidence and prove that women should be independent and reach their goals even in the hardest fields.

An interaction session was held where the students clarified their doubts regarding the workshops, projects and membership details. We explained the itinerary of IEEE journey of 2017 year.

The students proliferated in large number to take the membership of IEEE and be a part of WIE. The event ended with the speech given by Branch Counsellor, Dr. Y Padma Sai mam.
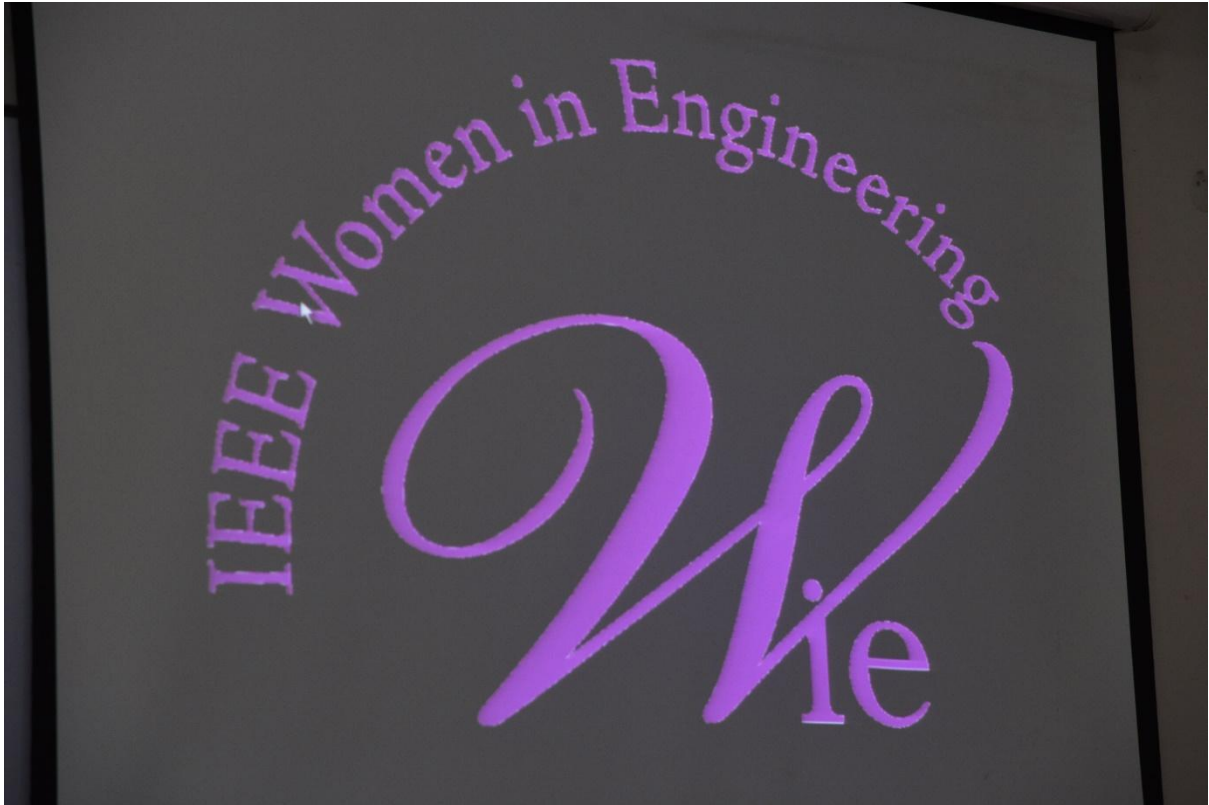
IEEE chair addressing freshers

WIE chair explaining about student chapter

REPUBLIC DAY PARADE 2017

The 68th Republic Day is celebrated in all its solemnity and grandeur at VNRVJIET on 26th January 2017.The day on which our country declared itself as a Sovereign, Democratic and Republic state with the adoption of the Constitution all the Student Chapters and various clubs of our college came forward supporting their respective themes which would lead to a better India.

We, the members of VNRIEEE always being on a par with latest trends in technology and digitalization demonstrated our theme on Demonetisation using placards and charts to convey its true essence. This ambitious move which shook the nation is currently the need of the hour seeking a whole new transformation.In support of our theme, we discussed the following topics.

- Consequences of Demonetisation
- Need of Transformation
- Digital Payment Platform
- Positive Outcomes

Firstly, talking about the consequences, when PM Modi announced that currency with the denomination of 500/- and 1000/- would cease to be the legal tender from 9th of Nov, the whole country was stunned. This decision caused sensation in the whole country. Social Media was flooded with messages and information. We depicted the consequences like people counting the trash they had accumulated for years legally or illegally, the longer ATM queues and the fall of higher denomination notes overnight in a novel way using various art works.

Demonetisation is not all about banning the old notes and replacing them. It is bigger than what it appears to be. For an instance if we consider one of the motives of demonetisation is to put a check to counterfeit notes, it might be successful only for a short term. In a long run even these replaced notes get counterfeited. So, the solution for that problem is not just partial replacement but a total elimination and this is what bringsinto

picture the concept of cashless society. The 50 day struggle, a billion people faced due to cash crunch is not to make them run in search of new currency. All it aims is to make them think of alternatives and methods to replace cash thereby bringing a whole new dimension to the field of economy.

To cope up with present scenario and to yield the maximum fruitful results of demonetisation we called out for a Cashless and Digital Indiato transform India into a digitally empowered society and knowledge economy. On this august event we threw a lime light on the various digital payment methods like mobile wallets, mobile banking, USSD, AEPS and internet banking.

We took this opportunity to bring an insight over the positive impacts of Demonetisation by summing up the points as below. Black money is used for illegal activities like terrorism funding, gambling, money laundering and inflating the price of major assets classes like real estate, gold. Due to demonetization, all such activities will get reduced for a while and it will take years for people to generate that amount of black money again and hence in a way it helps in putting an end to this circle of people doing illegal activities. Due to elimination of black money which is stagnant, more currency comes into circulation and hence increases the Gross Domestic Product of our country.

Finally, we gathered all our exhibits and presented them through Show and Tell to students and faculty members. Our discussion with faculty members about the recently introduced BHIM app was very intriguing and the responses from the some of the students, saying that they are getting even their pocket-money through Paytm made us realize that the movement has started and India is on its way to get transformed into a completely digital cashless society.

PARADE:

ORIENTATION (19th September 2016):

We the students of IEEE organized an orientation for freshers on Monday i.e. 19th September 2016, where we discussed with them about

- What a student chapter is?
- How many student chapters are there in VNR VJIET?
- How it functions?
- How IEEE is different from other student chapters?
- How is it beneficial to them?

The main motto is to make students get a basic idea about IEEE and our academic plan about what we are going to do throughout the year. We came up with some fun events to cheer them up and get them involved. We inserted our main ideas in between the events with a properly planned schedule and were able to make them know about IEEE.

Here are the series of events that were held in orientation:

- **Interacting with them about college:** Here this is to actually make students interactive with us and to make them feel free.
- **Video on IEEE origin:** Here we came up with a video on IEEE origin i.e. when did it start? , how it functions? , how is IEEE related to outside world? , some of the inventions of IEEE.
- **A brief idea about IEEE in VNRVJIET:** We came up with a power point presentation on our activities done in our previous years as a part of IEEE. The main idea is to get them get an idea of how IEEE works in VNRVJIET
- **Video on board members of IEEE:** This is to make them know about the people involved in IEEE so that they can come up to us easily if they want any clarifications.
- **WIE introduction:** Also IEEE has a wing WIE (Women in Engineering), so to introduce this part of IEEE we came up with an inspirational video so that students can understand about what exactly is WIE in IEEE.
- **Dialogue and Dabbang Events:** This is to encourage them and to know about their participation in extra circular activities so that we can plan accordingly for our future events in IEEE.

We concluded the orientation by making the students get a basic idea of IEEE in World and in VNRVJIET. Later interested students came to us for volunteering i.e. to be a part of IEEE.

JAM

Just a minute is a great tool to improve and manage communication skills. It strengthens the ability to organize thought flow, to apply logic and general speaking skills. It also enhances confidence and improves one's fluency. IEEE student organization of VNRVJIET college conducted JAM in the month of February 2017.In this event, students should talk about a particular technical topic for minute without having any grammar mistakes, repetition and hesitation. While the candidate is speaking on a given topic, his/her technical knowledge, communication, behavior, smartness, way of presenting skills, confidence skills etc., are observed while talking. Candidate should speak on a given topic without any repetition of sentences with good communication skills.

The topics given to students are:

- Smart grid
- IoT
- Solar Energy
- Transmission lines
- Cloud Computing
- Security Systems
- Wireless Power Transmission
- Sensor Technology
- Embedded systems
- Chip Designing and many other

This event received a huge response from the students of all the years and branches. Active and enthusiastic participation of the students made this session a success. Being IEEE members, we make sure of conducting more such occasions and hope students participate with the same great interest.

THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS

(IETE)

Student chapter **Institute of Electronics and Telecommunications Engineers (IETE)** established under the Department of Electronics and Communication Engineering in 2001. The Institution of Electronics and Telecommunication Engineers (IETE) is India's leading recognized professional society devoted to the advancement of Science and Technology of Electronics, Telecommunication & IT. Founded in 1953. The IETE is the National Apex Professional body of Electronics and Telecommunication, Computer Science and IT Professionals. It serves more than 1, 25,000 members (including Corporate, Student and ISF members) through various 64 Centers, spread all over India and abroad. The Institution provides leadership in Scientific and Technical areas of direct importance to the national development and economy. Government of India has recognized IETE as a **Scientific and Industrial Research Organization (SIRO)** and also notified as an educational Institution of national eminence. 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.

The IETE focuses on advancement of the Science and Technology of Electronics, Telecommunication, Computers, Information Technology and related areas. Towards this end the Institution promotes and conducts basic engineering and continuing technical education programs for human resource development.

IETE BOARD MEMBERS:

DESIGNATION	NAME OF THE MEMBER
Chairman	K. Siddardha Chowdary and Abhinav Chalasani
General Secretary	Pradeep.D
Treasurer	Sahith.G
President	Sri Chandana S.S
Vice-Chairman	A. Sree Akshitha
Joint Secretary	N. Ashish Naga Sai Ram

VSI BOARD MEMBERS:

DESIGNATION	NAME OF THE MEMBER
Chairman	Tarun Vasagiri
Vice-Chairman	Harshitha S
General Secretary	Hari Vittal

IETE ORIENTATION REPORT -2016

Orientation of the student chapters is the main event that increases the registrations. If the orientation is excellent then simply there would more registrations. The main objective of orientation is to show how student chapters are useful. Why student chapters? Why should they join student chapters? All the answers were given through orientation. On 19th September 2016, IETE orientation has been organized by IETE team members. All the IETE team members came out with their views and ideas regarding the events. The whole team was headed by the Faculty Coordinators Dr. Y. Padma Sai and A. Ramesh Kumar. We came with different events such as Roadies which contains few questions regarding college and some funny questions that should be filled by every student. The student who writes the roadies in the different way that is in unique way will be given a prize. The students have written the roadies in different ways in funny ways. The roadie's event is one of the event that is successful in the orientation. The power point presentation containing the information regarding IETE has been presented in the orientation. The students also raised some questions regarding the presentation and also cleared their doubts regarding IETE. We also have some technical events such as electronic quiz. The students have actively participated in the quiz by giving responses to the questions. We have presented some gifts for the students who participated in the quiz. Not only technical events we also organized some entertainment events such as dialogue saying, hero songs. The students enjoyed the entertainment events by saying their favorite hero dialogues and singing songs. We have shown the workshops and events that were organized by IETE team in the previous years. We also shown the IETE website regarding the payment of money. And also said that a card from IETE student chapter will be given to the students who paid for IETE. This card indicates that they paid for IETE and also indicates that they are IETE volunteers.

IETE ACTIVITY REPORT- SALUTE (Parade on Republic Day)

IETE Student Forum- VNR VJIET in collaboration with Student chapters, Clubs and students of all branches have organized a parade on 25th January on the occasion of Republic day to replicate the social issues in India, showcase the talent and innovation of today's youth. All the Student Chapters, Clubs and Students had represented their views on social issue and reminded the responsibility and duties of the people towards the nation. IETE Student chapter had selected a very important social issue "TRIBUTE TO INDIAN ARMY". All the IETE Team members had spread their views and ideas by marching with slogans, displaying information on banners and placards, painting on charts. The Whole Team was headed by the Faculty coordinators Dr. Y. Padma Sai and A. Ramesh Kumar followed by Student Coordinators- Shashank Vellaturi, Vibhor Arya and P. Ravi Teja.

The salute got noticed, but not the resolve behind it. The forward march gets noticed but not the action it holds. The protection and warmth we feel, the security of living in our country is noticed, but not the sacrifices that it cost. They stand at the Siachen Glacier, they come to our rescue whenever and wherever needed. They do everything for us, and yet time and again we forget they too are normal people, just like you and me. People who have shed their luxuries for their country and lead a tough life that is beyond our imaginations. They are our soldiers.

A soldier is our last strand of hope before disaster befalls us.

At least one Indian soldier loses his life every 3 days on our frontiers battling for the peace and security that we are experiencing right now. Isolated from their loved ones, these fearless men show immense courage and determination to bound the country together and prevent its infiltration.

Unlike the politicians, bureaucrats or any other common people, the soldiers of the Indian Army simply cannot get away with the excuse "we tried our best". They just win or they lose.

Despite all the appearances, do we actually empathize with our soldiers? Do we know how it's like to live every single minute of our life like it's our last?

The fear eats them alive, raw, Fear that they cannot fulfill the vows you gave to their wife, fear that they may not live up to the hopes of their countrymen. The fear is not of the death, but of the possibility that they may not be able to be there for your family.

 This is the fear that our soldiers live with every day.

For every breath that we take, a soldier gets injured out there. Hundreds of soldiers die because of ambushes and we don't even know about it. That's the extent of importance of them in our lives, though we don't realize it. Just like breathing. The emerged stories of incredible heroism shown by our Army, and our internals security forces in the face of terror, proving that despite the spoils of anti-elements who seek to destroy the peace and security in existence, the nobility and spirit of humanity and valor will always defeat it and shine through the smallest crack available to light the world.

If you worship your cricket idol or bollywood star, think for a moment; there are thousands of people at our borders who deserve it much more than them. We must salute them for their sacrifice and let their deaths not go to waste, unacknowledged and unnoticed...JAI JHAVAN.

QUIZ-2017

Team IETE conducted a quiz on MARCH-2017 to improve knowledge regarding the general essence of the electronic department.

The main motto of the event was to interact with the freshmen and to break the ice. The event lasted for 2 hours. The quiz encouraged the students to develop zeal towards core.

The event started with a lecture given by Dr. Y.Padma Sai, Head of the Department of the Ece branch. The lecture was about the growth of the electronic department and its impact on the future. It lasted for half an hour. The lecture was followed by the start of the quiz.

First, the students were divided into groups of four and the quiz started. The participants were filled with enthusiasm as they tried for the correct answers. The quiz ended after an hour, after which the group with the highest score was given a prize.

The event ended with a talk about a few of the latest IETE journals published. With this, the students were motivated not to give up on their ideas and to pursue their goals.

IOT-2017

       Forum has organized an Intel workshop based on INTERNET OF THINGS (IOT) on.

The main Motto of this workshop is to educate the students about the upcoming technology IOT which allows objects to be sensed or controlled remotely across existing network infrastructure, creating opportunities for more direct integration of the physical world into computer-based systems, and resulting in improved efficiency, accuracy and economic benefit in addition to reduced human intervention.

This lasted for 4 days. In the first 3 days the students got hands on experience on DHT Sensor, Arduino Uno, Wi-Fi Module. This is workshop is based on Arduino on 4th day an exam was conducted and interesting ideas were given by the students to develop.

The main Motto of this workshop is to develop an electronic device that can sense the temperature/ humidity changes and send updates to the cloud for storage and analysis. The user can access the data and analyses it from a remote location. It can be programmed in such a way that the user will get an email and SMS update based on a threshold value that they set.

IETE ORIENTATION REPORT -2017

The Institute of Electronics and Telecommunication Engineers (IETE) student forum has organized an orientation for the B.Tech students on 31st August 2017 and 1st September 2017 at their respective CLASS ROOMS. There was a huge turnout of students from circuit branches. The main objective of the orientation was designed to facilitate the academic, cultural and social adjustments and the PPT's shown to the are linked to key strategies and goals of IETE, namely enhancing the student experience, developing excellence in learning and encouraging participation for students from diverse cultural and social background.

The agenda of the orientation was to give information to the students about the history of IETE, objectives present in it, and how IETE is beneficial at VNRVJIET, benefits of joining IETE student forum. A detailed idea about the events TECHGYAN and TECHNOTHON which are conducted every month is given which grabbed the attention of the students. This information was addressed to the students by the board members of IETE. FACULTY CO-ORDINATOR of IETE AND VSI have also attended the orientation and shared their experiences and about their bonding with the chapter, this gave a detailed idea about benefits obtained from joining and actively participating in IETE. They also shared the way in which they have balanced both academic and extra circular activities. Also asked about their technical interests which was Robotics.

Few fun events were conducted for entertaining and interacting with the student's .Prizes for the event winners were given at the end of the event.

All the IETE board members as well as VSI board members were introduced at the end, which was the last session of the orientation. The feedback from the students attending the orientation, indicated a huge level satisfaction of the program.

ROBOTICS EVENT REPORT-2017

The Institute of Electronics and Telecommunication Engineers (IETE) student forum has organized a workshop "Gesture Control Robotics" on the occasion of "Celebration of Engineer's Day" for the B.Tech students on 15 September 2017 i.e. Friday at A.P.J Abdul Kalam Auditorium. There was a huge turnout of students from all branches.

The event started at 9:30 by inviting the Dignitaries on to the Dias.

Prof & HOD, ECE Dept	Dr.Y.Padma Sai garu
Principal	Dr.C.D.Naidu garu
Director	Dr.A.S.Rao garu
Guest of Honor	Sri.Rajashekhar Annamaneni, Senior Manager, Hyundai Mobis, India

The guest of honor along with the Hod and director, were invited to light the lamp. This was followed by a prayer song sung by the Cresendo group which was finished by 9:40. First, the HOD of ECE, Dr.Y.Padma Sai garu, addressed the gathering with a welcome speech which said about the importance of "Engineer's Day". This was followed by a speech by A.S.Rao garu who talked about our college and the importance of innovative minds in budding engineers. Then the Principal, Dr.C.D.Naidu garu gave a few words of encouragement for the students to be active and to achieve their goals. Last, but not the least, the chief guest, Sri Rajashekar garu spoke about his experiences in life and how to suceed in life.

The Chief Guest was then facilitated by the Director and Principal. Finally the vote of thanks was given. This came to an end by 10:30.

From 10:30 to 12:15, the students had innovative lectures from various faculty members, such as K.Archana Bhange, B.Gautham, and D.Ramesh Reddy. This was followed by a break for lunch which lasted up to 12:45.

After the lunch break, a coding session took place which was taught by the members of the Robotics club of VNRVJIET, which lasted till 2:00. After the coding session, the students had a

hands on session to implement all that they had learned. By the end of the session, each group had their own gesture control robot ready for use. The event came to an end at 4:30.

ORAGANISING TEAM

4 TH YEARS:

A.V.SUJITH
B.THANMAI
A.ANAND PAWAR

3 RD YEARS:

CH.ABHINAV
ASHISH
K.SIVA SAI
SIDDHARTH
PRADEEP
SAHITH
HARI VITAL
SRI CHANDANA

2 ND YEARS:

M.PAVAN
VIRINCHI
M.SRI LAXMI
MANIDEEPTHI
DEVESH
RAVI CHANDRA
M.CHANDU
M.SIVA SAI
PRADHYUMNA
EKA VARDHAN

HARSHITHA

ROHILA

K.AKHIL

SEMINAR-2017

The Institute of Electronics and Telecommunication Engineers (IETE) student forum has organized a seminar programme by Narayan Rao sir on .He had spoken about the core companies and how they recruit the students from different colleges by giving some examples of core companies like QUALCOMM, Intel, Deloitte, Sonim and some other telecom companies. He motivated the students to get good jobs in core companies. He also gave students a good scope about their future. He guided the students how they should be active in learning the things and make their future bright. After his session we have conducted a small interaction programme

with the students to know about their ideas and what they wanted to do in the future .Later a small quiz competition has been conducted and prizes has been given to the winners.

Indian Society for Technical Education (ISTE)

The institute chapter was formally admitted by the executive council of ISTE as an institutional member of the society in the year 1996.The formation of ISTE Student Chapter was approved in the year 1998. The ISTE Student Chapter, VNR VJIET is the most active student body in the institute with its horizons set at nowhere. Since its inaugural in 1998 in the college, it has expanded by leaps and bounds, conducting various technical and extra-curricular activities.

Total number of members in ISTE Student Chapter stands at 580 and still counting.

The executive of ISTE Student Chapter, VNR VJIET for the year 2018-19 is

S.No	Name	Designation
1.	Manswini. M - ECE	Chairman
2.	Pranavi. P – ECE	President
3.	M. Vaisrav - CSE	
4.	T Sisira – ECE	General Secretary
5.	S. Amarthya – ECE	
6.	K. Prudhvi - CSE	Treasurer
7.	M. Lavanya – ECE	
8.	V. Pragna – ECE	Event heads
9.	P. Vinay - CSE	
10.	G. Rishitha – ECE	Public Relations
11.	I. V. Vaishnavi – ECE	
12.	**K.Renuka -Assistant Professor, IT**	**Faculty Coordinator**
13.	**Dr. Y. Padma Sai - Professor&HOD, ECE**	**Chairman**
14.	**Dr. C.D Naidu - Principal**	**Patron**

Regular activities conducted by chapter

- Quiz Competitions
- C Programming contests
- Events to motivate fresher's
- Workshops
- Technical paper presentations
- Guest Lectures
- Exhibitions
- Seminars
- CONVERGENCE- A national level technical symposium
- COALEZE

- Membership Drives
- Hackathon and Coding events
- Filling nominations for various national/state level awards

The events organized under convergence 2K18 are:

A committee was constituted for undertaking all required work regarding organizing the technical fest on 18th December, 2017. The core team (final years) consisted of 52 students. There were 143 Organizers (3rd years) and 121 volunteers (2nd years). The student chapters involved in preparing for CONVERGENCE-2K18 were ISTE, IEEE, ISOI, CSI, SAE, VGLUG, VSI and IETE.

BUSINESS CONCLAVE:

A Business conclave was conducted after the inaugural ceremony, where various eminent people gave their valuable words. The following is the list of all the dignitaries that attended the event.

1. **Pallela Ramjee:**
   - With background skills of toxicology & biomedical nanotechnology (postdoc from South Korea), biochemistry & biophysics (PhD from CSIR-IICT, Hyderabad), IPR (NALSAR university, Hyderabad), project management activities at ICGEB, New Delhi (MBA from Pondicherry University).
   - He is currently working as Chief Manager, Grants Management Division at IKP Knowledge Park, Hyderabad and work towards Biotechnology Ignition Grant (BIG) of Biotechnology Industry Research Assistance Council (BIRAC), a Govt. of India enterprise.
   - IKP involves managing various national and international grants that support biotechnology R&D startups as well as academicians and individuals, set promotional priorities, develop a flawless work schedule, constantly monitor progress towards goals, and track details/data/information/activities.
   - In addition, he is partly involved in the incubation process of IKP by channelizing potential innovators to incubate at IKP.

2. **Mr. S. Venkateswara Rao:**
   - S. Venkateswara Rao garu completed his bachelor's in chemistry and then completed his engineering in Electronics and Communication Engineering from Acharya Nagarjuna University.
   - He completed his master's in study digital systems from Osmania University.

- He worked for Nvidia Graphics Pvt Ltd from 2007 to 2010 in the designation of a Senior Engineering Manager.

- He has successfully executed Tegra-1 post silicon validation in Santa Clara and established different labs in Nvidia Hyderabad development center.

- He contributed his services to Radeon Technology Group, Multimedia Ips from 2010.

- Now he serves as the Director, ASIC Design Engineering, Advanced Micro Devices India Pvt. Ltd.

- We are proud to mention here that he is a member, board of studies of many institutes including VNR Vignana Jyothi institute of Engineering and Technology, bridging the gap between Industry and academia.

- He has 30 years of experience altogether, 20 years of VLSI Industry experience and 10 years of teaching experience in diverse roles and responsibilities.

3. **Mr.Jignesh:**

- Mastering the art of creating immersive assessments through contextual simulations & non-contextual games in VR.

- Being one of the pioneers in Indian VR scene, Jignesh has been advising innovation teams of MNCs and Govt. organisations, to find immediate ways for technology adoption.

- He has also taken a long journey of creating awareness and evangelising the technology by building a VR/AR community through BonfireVR.

- His passion to foster innovation & entrepreneurship made him bring up a science & activity center at his alma mater GITAM University, which has brought more than 15,000 students to collaborate & develop through diverse projects driving social impact in 10+ verticals.

- He has been one of the top contributors for the projects like Solar Car & Hydel Powered Water Pump for agriculture apart from the Robot that was presented at National Lunabotics competition at NASA.

- His background in core mechanical engineering got him hands on experience in R&D through his work on coatings using nano materials for a project from VRDE (Vehicle Research & Development Establishment), a unit of DRDO.

4. **Mr. Diwakar:**

- He is currently head of Christensen Investor Relations (India) Private Limited, a global capital markets advisory firm specializing in investor relations. The Indian operations of Christensen is 8 years and counting.

- He has advised many marquees listed companies on achieving fair market valuation in the stock markets.

- His earlier assignment was at Satyam Computer Services Limited where he handled the Investor Relations function actively interacting with fund managers and analysts etc.
- He has also about 10 years of experience in Corporate Finance Advisory/Project Finance in firms such as NM Rothschild, Tionale Enterprises and ABB India where he has been part of teams that has executed projects in the power, roads and port sector in India.

Mr.Jignesh and **Mr.Diwakar** Addressing the gathering in the event of "Business Conclave"

Dignitaries for the Inaugural Session

EVENTS:

CONVERGENCE-2K18 hosted a total of 39 events under 6 themes namely Energy, Lifestyle, Machines, Structures, Virtual World and Robotics. The following are the specifics:

ENERGY

SNO.	EVENT NAME	Participants From VNRVJIET	Participants From Other institutes	No. of Participants
1.	Speed Bolt	105	5	110
2.	Singling Hub	139	0	139
3.	Clash of Brains	120	0	120
4.	Tech Hunt	106	0	106
5.	Circuitrix	104	4	108
6.	Circuit Cracking	105	5	110
7.	Can You Finish It	100	16	116
8.	Mindsweeper	118	4	122
9.	Find the Clue	88	2	90
10.	Electromania	99	2	101
11.	Electric Transmigration	36	1	37

LIFESTYLE

SNO.	EVENT NAME	TOTAL COUNT	INTERNAL	EXTERNAL
1.	Be An Entrepreneur	121	116	5
2.	Convergence hunt	150	150	0
3.	Where's the flag	145	143	2
4.	Techiladder	142	139	3
5.	Cele fiesta	120	116	4

MACHINES

SNO.	EVENT NAME	TOTAL COUNT	INTERNAL	EXTERNAL
1.	Automania	121	118	3
2.	Mechanomania	101	100	1
3.	CADwiz	107	106	1

STRUCTURES

SNO.	EVENT NAME	TOTAL COUNT	INTERNAL	EXTERNAL
1.	Mini builders	112	109	3
2.	Drag me down	141	141	0

VIRTUAL WORLD

SNO.	EVENT NAME	TOTAL COUNT	INTERNAL	EXTERNAL
1.	TechWiz	144	138	6
2.	Kaun Banega C ka Sherlock Holmes	161	153	8
3.	Tic Tac Tech	138	133	5
4.	Tech Scintilla	145	36	9
5.	Stacks & Queues	125	120	5
6.	Tech Pendium	126	119	7
7.	Tech Shot gun	123	111	12

8.	Code Mania	122	110	12
9.	DB Challengers	87	87	0
10.	Technovation	80	72	8
11.	Crazathon	165	157	8
12.	Codekraft	107	103	4
13.	Battle of technocrats	123	119	4
14.	Teckraze	116	114	2

ROBOTICS:

WINNER	NAME	COLLEGE
ROBO SOCCER		
Team- 1	Sanjay Bhargav	SMEC
	Vivek	MREC
Team- 2	Sravani	VNRVJIET
	Kranthi	VVIT
Team-3	P.Parvathishwar Rao	MRIET
	S.Sandeep	GRIET
ALL TERRAIN		
Team- 1	Sanjay Bhargav	SMEC
Team- 2	Sravani	VNRVJIET
	Kranthi	VVIT
Team-3	Visla Krishna	SPHN
	M.Sravyarao	SPHN
ROBO RALLY		
Team-1	Sravani	VNRVJIET
	Kranthi	VVIT
Team-2	Sanjay Bhargav	SMEC
Team-3	Visla Krishna	SPHN
	M.Sravyarao	SPHN
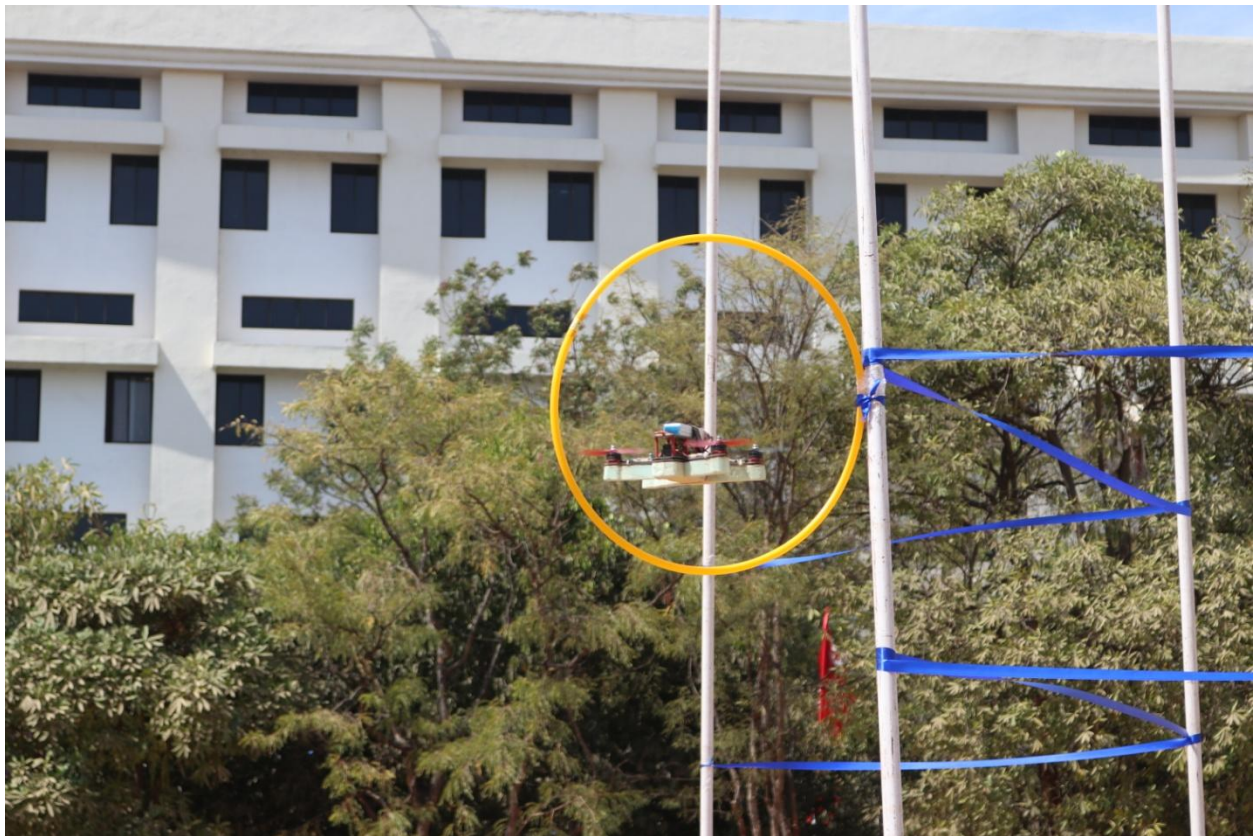
Drones participating in the Event of "Drone War"

HACKATHON:

This hackathon is conducted by the Turing Hut, the coding club of VNRVJIET to encourage the programmers and drive the spirit of Competitive programming among other Computer enthusiasts.

Criteria of Evaluation: Score of individuals in the contest. The hackerrank's intelligent system evaluates the participants and projects their score on to the leaderboard.

Rewards: Membership into Turing Hut club

Scheduled dates: 5th ,6th February,2018.

Registrations: 81

Sign-Up count: 65

Participation Count: 43

Platform: hackerrank.com (Junior Level)

TECHNICAL PRESENTATIONS:

Under Technical presentations there were 4 domains and over 155 papers were shortlisted. The domains were grouped according to branches as follows:

Domain A-ME, ME, CE

Domain B-IT, CSE

Domain C-EEE, ECE, EIE

Domain D-H&S, other domains

The presentations were conducted in 8 sessions over a span of 2 days (5th and 6th February 2018). On a total, 103 papers were presented by the time the event was concluded.

Domain	No. of participants
A	16
B	30
C	44
D	13
Total	103

No. of Papers Received	153
Internal(VNR VJIET) Papers	50
External Papers	53
Total	103

The judgment panel consisted of 20 faculty members from various departments and divided among the 4 domains as follows:

Domain A:

S.NO.	NAME	DEPARTMENT
1	Sri.T.Raju	AME
2	SrI. B.Pavan Bharadwaja	AME
3	Sri. P.V.S.G.Raghunath	CE
4	Sri. R.Durga Prasad	CE
5	Dr k.Ajay Kumar	ME

Domain B:

S.NO.	NAME	DEPARTMENT
1	Dr Rajasekhar	CSE
2	Dr Deepak Sukheja	CSE
3	Dr Y.Sagar	CSE
4	Dr Ch.Suresh	CSE
5	Dr D.Srinivasa Rao	IT
6	Mr Rajesh Kumar	IT

Domain C:

S.NO.	NAME	DEPARTMENT
1	Dr. Mc Raju	ECE
2	Dr. Subhodh	ECE
3	Dr. Ranjan	ECE
4	Dr T.Nireekshana	EEE
5	Dr P.Naresh	EEE
6	Mr M.Shiva Teja	EEE

Domain D:

S.NO.	NAME	DEPARTMENT
1	Smt. N.Aruna Kumari	H&S
2	Dr. K. Vidhya Sagar	EIE
3	Dr N.Kiran Kumar	ME

Three papers from each domain were selected as winners. The 1st place winner was awarded a cash prize of Rs.1200 along with a merit certificate. The runners-up were awarded cash prize of Rs.800 and merit certificate. The 3rd place winners were presented with merit certificates.

WORKSHOPS:

There were 9 workshops conducted as a part of convergence. These workshops were focused on the latest and upcoming technologies. The following were the workshops conducted

Accelerobotix:

Accelero ARDUINO Botics – new approach to the Human Machines Interface (software +hardware with acceleration sensor).

Student Co-ordinator: Mallikarjun (9492303083)

Internal registrations: 36

External registrations: 32

Amount generated: Rs. 40,800/-

Resource person name: Nabeel Qreshi works in Robokart

Amount spent: -   Rs. 40,120 (Speaker Money)

- Rs. 455(cab)
- Rs. 950(food)
- Rs. 483(cab)

Ansys Simulation:

Introduction to Engineering Simulation,Cae,Fea,Finite volume methods.

Student Coordinator: Divya (9542459787)

Internal registrations: 71

External registrations: 0

Amount generated: Rs. 46,150/-

Resource person name: Ravinder Rao Jalagam works in Mechengg

Amount spent: Rs. 29,500 (Speaker money)

BrainWave controlled Robotics:

Hands-on Workshop about integrating BrainWave Technology and Robotics, also focus on conceptualization and designing of complex systems in Robokart Company.

Student Coordinator: Apporva Reddy (99633327784)

Internal registrations: 31

External registrations: 8

Amount generated: Rs. 27,300/-

Resource person name: Nimesh Pullarikal works in Robokart

Amount spent:

- Rs. 25,350(Speaker money)
- Rs. 424(cab)
- Rs. 300(food)
- Rs. 428(cab)
- Rs. 200(posters)

Building Information Modelling:

2D to Integrated 3D Digital Interface – Content Integration,Conflict Management.

Student Coordinator: Munawar (9010294966)

Internal registrations: 56

External registrations: 0

Amount generated: Rs 28,000/-

Resource person name: Mohd Lateef works in Androbim

Amount spent:- Rs. 26,600(Speaker money)

Cognitive Science and Virtual Reality:

Mobile Application to predict the emotions of a caller in a video call analysing the Facial expressions and speech of the caller using Microsoft Azure Cognitive Science.

Student Coordinator: Srikanth (7659947633)

Internal registrations: 34

External registrations: 1

Amount generated: Rs 17,500/-

Resource person name: G.Surendhra works in TCS & B.Nagashilpa works in CDK Global

Amount spent:- Rs. 20,000(Speaker Money (10,000 per head))

Dynamic Analysis using ADAMS CAR Workshop:

Multibody Dynamics software used to study dynamics of system (Automotive,Robotics,Aerospace).

Student Coordinator: Vineeth(8179649740)

Internal registrations: 2

External registrations: 0

Amount generated: Rs 800/-

Resource person name: Prashanth works in VNR VJIET

Amount spent: 0

Internet of Things:

Smart Sensors,Communication Technologies and Internet Protocol -smart city, smart house, hospitals.

Student Coordinator: Rajesh(9700566702)

Internal registrations: 34

External registrations: 1

Amount generated: Rs 23,800/-

Resource person name: Dr.v.Padmaja,N.Dhana laxmi,L.V Rajani Kumari,D.Ramesh Reddy,K.Jyosna,S.V.Narayana Rao,J.V.A Bala Krishna from VNR VJIET

Amount spent:-Rs. 12,939(Cables and other expenses)

Machine Learning:

Extension to Analytics,Training Machine, Artificial Intelligence.

Student Coordinator: Hanisha,Anjani

Internal registrations: 38

External registrations: 0

Amount generated: Rs 22,800/-

Resource person name: Nikhil Raj,Swapnil,Ravindra from Capgemini

Amount spent: Rs. 20,000(Speaker Money)

Nano Satellite:

Low mass,Size- (Scientific data & Radio delay)

Student Coordinator:Roshan (9666925067)

Internal registrations: 67

External registrations: 1

Amount generated: Rs 47,600/-

Resource person name: Harsha works in Astrosat India

Amount spent:- Rs. 21,000

 SAARADHI EVENTS:

As a part of Saaradhi team NSS, TEDx VNRVJIET, VNRSF, VJSV(TLC) came the together to set up various stalls for raising awareness about the various programs being undertaken by various societies of VNR VJIET.

<u>**NSS**</u>

Here are the events on the three days of SAARADHI theme in CONVERGENCE, 2018 where TEAM NSS brings out a platform for engineers to be a part of it. We have four events along with stalls.

EVENTS:

1) SOCH: Let's engineer the tomorrow at "SOCH". Valuable ideas i.e., technical solutions in the form of presentations, models, projects that are related to social issues can be presented. The first best idea would be given a prize of Rs.1500, second best Rs.1000 and third best idea of Rs.500.

First prize: Sai Charan, Prem India

Second prize: K. Mounika, M. Raviteja

Third prize: T. Harshitha

2) WILL YOU BE MY TEACHER: In learning you will teach, and in teaching you will learn. "Inspiring the young aspiring minds which are blossoming and are ready to dream, setting their life goals. A hope is all that could be offered by us. "

Mr. Milind Chandwani, founder of Camp Diaries came to our college along with his school kids to conducted activities like arts and crafts, Rubik's Cube, Dance, Beat boxing.

As a token of appreciation, we appreciated him a Memento and the school kids with the Saaradhi badges.

3) I AM NOT A HERO: "STRIVE NOT TO BE A SUCCESS, BUT RATHER TO BE OF VALUE".
 It is a Forum with those inspiring individuals who took up the rugged path to make this society a better place for living. Let those heroes who say, "I am not a Hero" start their journey into light from here. The speakers for the event are Mr. Vivek Piddempally, Mr. A. Jagannadha Rao, Mrs. Madhulika Choudhary. We had an open forum with them where the audience had a discussion with the speakers and clarify their thoughts. We honored the dignitaries with the saplings and Mementos.

Participants in the Event "Iam not a Hero"

4)RAITHANNA AVISHKARANA: With the sole aim of providing horizontal dissemination of the rural creativity from village to village and farmer to farmer Palle srujana is one such platform who is working constantly on this. It also provides a platform for the grassroots innovators to display their creativity and traditional knowledge.

We arranged two stalls to set up all the equipment and honored the coordinator and the farmer with the cash prize of Rs.1000 each.

STALLS:

1) PARICHITHAM: This stall includes the prototypes from the case-studies, inspired from the videos i.e., from Ted Videos. It also included the information and the usage of different kinds of government applications which are not known to us.

2) AAVISHKAAR: It is about the recent inventions that would help in solving the problems like Delhi pollution etc. The models which we exhibited include Smart water cannon, Smog air tower, Edible Cutlery etc.

3) SANKALP SE SIDDHI: Sankalp Se Siddhi is an initiation by our Indian government for the New India. We have portrayed four themes in it. They are Clean India, Terrorism, Corruption, Poverty.

4) NSS GALLERY: We have a VISION and a MISSION for every event which we do. This gallery helps the audience in knowing the vision and mission of the events which we do and throwing a light on the solutions for the problems which we are trying to solve.

Stalls during "**Convergence**"

VJSV(TLC):

The VJSV (TLC) has set up a stall under Saaradhi. The stall was named as UNIKI ('ఉనికి') which

aimed to emphasize the importance of Telugu and Telugu speaking people to the current day generation. They gathered people and explored Telugu in a playful manner in the form of riddled quiz and over 90 people visited the event.

The charts were on display till 6th February 2018.

VNRSF:

  VNRSF the student force of VNRVJIET took an active part in conducting various events like social assembly, jagruthi, Praja, Mulam and WOW (Wealth Out of Waste).

1) JAGRUTHI:

  Jagruthi, the name depicting - "enlightenment" is an awareness stall. The stall dealt with how a nation can develop by developing the individual in various aspects which comes under a broader umbrella called Human Development Index (HDI)". HDI is the measurement of development of people in the country considering the factors such as Life expectancy, Education and Opportunities and the GDP and National per capita income. So, here comes the role of an individual in developing himself, community or the people around him and his state and country individually and collectively.

In the stall the students, faculty and visitors come to know and understand how they can contribute in raising the factors for HDI. Factors such as Life expectancy can be increased through good health and protecting and conserving the environment. Good education can be received through the addition of morals to the intellectuality and abolishing the inequalities among the people based on color, creed, region, religion and gender. National income can be achieved through various roles we take as a responsible citizen and being a good tax payer. This stall helped the visitors understand how they can contribute for the development of the country and in ranking good in HDI through the examples of Scandinavian countries which stands top in Education, Health, Peace, Happiness indices.

Organizers:

Ch. Murali Krishna

V. Amulya

2) PRAJA:

"Knowledge is of no value unless you put it in to practice"

Believing these lines VNRSF organized PRAJA (PRA-prashnalu JA- jawabulu), a quiz on social aspects, creating a platform for the students to assess their social awareness and knowledge over the current affairs on 7th February

Round 1:

Students were tested on the topics like economics, arts, sports, agriculture, cinema and logical and reasoning in this round. Nearly 50 members participated in this round

Round 2:

In this section 6 teams got short listed and were not only tested on the knowledge but also their attentiveness to the questions and made it productive

In this event along with the participants audience also shared the platform to share the knowledge through fun learning.

Organizers:

1) R. Vasavya

2) A. Venkatesh

3) MULAM:

MULAM- giving the meaning for back to roots is an organic stall. We dispose all kinds of waste and it goes to the dump yard, where soil gets infertile and releases harmful gases. To utilize this waste effectively, this stall gives cognizance on how to prepare organic manure by ourselves to save our environment with biodegradable waste in our homes and surroundings. A member from Swacha Graha organization came here and showed practically how to prepare organic manure. This stall continued for 2 days and there was a huge response from the audience and faculty.

Organizers:

Srinidhi

Navitha

4) SOCIAL ASSEMBLY:

Social Assembly is a discussion platform where one can raise their voice against social issues and at the same time have a chance to share the perspectives. We conducted Social Assembly on 4 topics.

Topics discussed:

1) Are jobs the end goals of B-Tech.?

2) Should Aadhaar be made mandatory for all subsidies and services?

3) Is VNRVJIET ready to welcome LGBTQ+?

4) Is "FACEBOOK" a money-making platform or a Human networking platform?

On these topics the discussion went on with the active participation of the students and faculty. More than 50 students and faculty members were involved in every discussion. Among all the involved members the most active participants are identified and recognized with certificates and prizes.

Organizers:

B. Pravalika

A. Chandana

Dr DN Rao participating the Event of Social Assembly

5) WOW:

WOW is a platform giving awareness on how waste can be converted into beautiful items and creates wealth out of it.

Not only showcasing the items made of the waste which are made by the team but also explaining the importance of the waste management, the WOW stall got a huge round of applause from the faculty and the students. On the last day of the convergence, the items were put on auction and the money will be converted as the fund to the orphanages.

TEDxVNRVJIET:

The following is the detailed report of the stall held by TEDx VNRVJIET during Convergence.

- The objective of the stall was to make more people aware about TED, TEDx and TEDx VNRVJIET.
- The stall was held during the first two days of Convergence i.e. 5th and 6th of February.
- The stall consisted of small interactive activities to engage people.

- one such activity was the Photo-Booth, where everyone who posted their photos on any social media with the handle #tedxvnrvjiet were awarded with a TEDxV NRVJIET badge.

- Other activities include Color-Psychology and "What am I grateful at this moment?".

- In a total the approximate footfall at the stall was about 300-400 and a total of 120 badges were given out.

EVENTS PRIZE LIST:

ENERGY THEME:

WINNER	NAME	COLLEGE
Speed bolt		
Team- 1	K. Harisha	VNRVJIET
	A. Praveena	VNR VJIET
Team- 2	Nikhil.M	VNR VJIET
	Jashwitha.N	VNR VJIET
Singling hub		
Team-1	M.Jyothi Swaroopa	VNR VJIET
Team-2	M.Yaswitha	VNR VJIET
Circuitrix		
Team-1	V. Amulya	VNRVJIET
Team-2	M. Vignatha	VNR VJIET
Mindsweeper		
Team-1	B.Roshini	VNRVJIET
Team- 2	T.Spurthy	VNRVJIET
Find the clue		
Team- 1	Sai Charan.M	VNRVJIET
Team -2	Lalith.B	VNRVJIET
Electromania		
Team -1	D Ajay	VNRVJIET
	Bhargav	VNRVJIET
Team -2	Sandeep V	VNRVJIET
	M.R. Visodhan	VNRVJIET
Can you finish it		
Team -1	Harshitha	VNRVJIET
	Shaik Roohina	VNRVJIET
Team -2	Pradeep Kumar D	VNRVJIET
	Praneeth Margam	VNRVJIET
Clash of brains		
Team-1	M.MANJUSH REDDY	VNRVJIET
Team- 2	H.SAI PRASAD	VNRVJIET
Tech Hunt		
Team-1	A.Vaishnavi	VNRVJIET
	Sahithi	VNRVJIET
Team -2	M vamshi	VNRVJIET
	S.abhinav	VNRVJIET

Circuit Cracking		
Team-1	Venugopal	VNRVJIET
	B.Sushmitha	VNRVJIET
Team-2	Akash	VNRVJIET
	Santhosh	VNRVJIET

LIFESTYLE:

WINNER	NAME	COLLEGE
Be an Entrepreneur		
Team-1	B Lalith Bharadwaj	VNRVJIET
	Rama Krishna Pardhu	VNRVJIET
Team-1	Bindu Pallavi	VNRVJIET
	S.Shravani	VNRVJIET
Convergence Hunt		
Team-1	G Prathima	VNRVJIET
Team-2	K Sowmya	VNRVJIET
Where's The Flag		
Team-1	Ridha Farzeen	VNRVJIET
	Kalyanisangam	VNRVJIET
Team-2	Y.Vaishnavi	VNRVJIET
	V.supraja	VNRVJIET
Techiladder		
Team-1	Saadia Hussan	VNRVJIET
	Rahul	VNRVJIET
Team-2	N.Pranay Priyan	VNRVJIET
Cele Fiesta		
Team-1	G.Poojitha	VNRVJIET
Team-2	J.Sai Chandra Reddy	VNRVJIET

MACHINES:

WINNER	NAME	COLLEGE
Automania		
Team-1	K.Nihar	VNRVJIET
Team-2	M.Vaisrav	VNRVJIET
Mechanomania		
Team-1	N.Vinay	VNRVJIET
	Ch.Sreemukhi	VNRVJIET
Team-2	B.Srilekha	VNRVJIET
	Sneha Rajbhaumaska	VNRVJIET
CADwiz		
Team-1	T.Rahul	VNRVJIET
Team-2	koushik	VNRVJIET

STRUCTURES:

WINNER	NAME	COLLEGE
MiniBuilders		
Team- 1	M.Vikas Kumar	VNRVJIET
	P.Koushik	VNRVJIET
Team- 2	D.Kumar	VNRVJIET
	Y.Meghana	VNRVJIET
	B.Sai Tharun	VNRVJIET
Drag Me Down		
Team- 1	Sai Praveen	VNRVJIET
	Naveen Varma	VNRVJIET
Team- 2	K.Murali	VNRVJIET
	K.Harshavardhan	VNRVJIET

VIRTUAL WORLD:

WINNER	NAME	COLLEGE
Techwiz		
Team-1	Ranga Sai Praveen	VNRVJIET
Team-2	N.Hemanth	VNRVJIET
	K.Tarun Teja	VNRVJIET
Tic tac tech		
Team-1	D.lakshminarshima	VNRVJIET
Team-2	k.sravani kumari	VNRVJIET
Tech scintilla		
Team-1	M.SAIEESHWAR	VNRVJIET
Team-2	P.RAHUL REDDY	VNRVJIET
Tech shotgun		
Team-1	K.Bhavya	MRECW
	K.Pooja	MRECW
Team-2	S.Ruchira Devi	VNRVJIET
	Sai Vaishnavi	VNRVJIET
Code mania		
Team-1	P.Koushik	VNRVJIET
Team-2	K.Tejasree	MRECW
DB challengers		
Team-1	mane satya mohanth	
Team-2	B.V.Yamini	VNRVJIET
Technovation		
Team-1	K.Harisha	VNRVJIET
	A.Praveena	VNRVJIET
Team-2	Jeshmitha	VNRVJIET
	Sravani	VNRVJIET
Crazathon		
Team-1	K pooja	MRECW
Team-2	M Sai Eshswar	VNRVJIET
Tech Pendium		
Team-1	Madhurendra Tripathy	VNRVJIET

	Deekshith Bommidi	VNRVJIET
Team-2	K.Ramprasad	VNRVJIET
	B .SRIKANTH	VNRVJIET
Battle of technocrafts		
Team-1	M.Manjush	VNRVJIET
	M. Nithin	VNRVJIET
Team-2	Sreedhuti.P.S.S	VNRVJIET
	Ritheesh	VNRVJIET
Stacks and Queues		
Team-1	G VIDYA	VNRVJIET
Team-2	V SUPRAJA	VNRVJIET
Teckraze		
Team-1	D.Udaykumar	VNRVJIET
Team-2	E.priyanka	VNRVJIET
Kaun banega C ka Sherlock Holmes		
Team-1	G. UTHAM	VNRVJIET
Team-2	G. KOVID	VNRVJIET
Codekraft		
Team-1	P.Supraja	VNRVJIET
	P.Hrithik	VNRVJIET
Team-2	Sreenehar	VNRVJIET
	Rakshith Raj	VNRVJIET

TECHNICAL PRESENTATIONS PRIZE LIST:

The following were the winners of the technical presentations:

Day	Domain	Name 1	Name 2	College	Paper name	Prize
5th Feb	A	S.Jashwanth Reddy		CVSR	3d printing Buildings	1st
5th Feb	B	Syed Uzair		MJCET	IoT	1st
5th Feb	C	C Subhadra	K. Hema Latha	VNRVJIET	design and implementation of multi featured wheelchair	1st
5th Feb	D	V Raju	Yashwanth Rao B	MLRIT	Design and analysis of Micro uav	1st
6th Feb	B	R.Akhila	K.Sai Chandana	VNRVJIET	pill camera	1st
6th Feb	B	G.Sai Mani Raj		TKR	project soli	1st
6th Feb	C	D. Manoj Khanna	Ch. Mohith Krishna	GIOE SEC COLLEGE	venous clot	1st
6th Feb	C	D. Spandana Reddy	D. Sravani	VNRVJIET	project Loon	1st
5th Feb	A	Rajeev Chavali	M.Varun Reddy	MLRIT	voice controlled car	2nd
5th Feb	B	T. Prathyusha	M. Reshma	GNITS	Brain controlled car for disabled using Artificial	2nd

					Intelligence	
5th Feb	C	Shravani S	K Bindu Pallavi	VNRVJIET	light emitting polymer	2nd
5th Feb	D	Kvss Ravindranath	Karthik.A	CBIT	effect on business if machines have common intelligence	2nd
6th Feb	B	V Sai Srinivas		VNRVJIET	spark streaming	2nd
6th Feb	B	K. Kavya	K. Rishi Varma		ALGO-C	2nd
6th Feb	C	K. Harika	D. Keerthi	VNRVJIET	smart helmet	2nd
6th Feb	C	L. Pavan Kumar		MREC	raspberry pi based interactive home automation through email	2nd
5th Feb	A	Ganji Prashanth	Vijay Rashmi Chand	JNTUCEH	VCR Engine	3rd
5th Feb	B	S.Jashwanth Reddy		CVSR	brain finger printing	3rd
5th Feb	C	Aakash Boenal	Md.Imtiaz Ahamed	VNRVJIET	quantum computing	3rd
5th Feb	D	A Kanchana Valli	Sreeja Battagiri	VNR VJIET	future of fiducials	3rd
5th Feb	D	J Sirisha	G Vaishnavi	MLRIT	performance parameters of air foil	3rd
6th Feb	B	P. Preethi Reddy	S.Sowkya	VNRVJIET	sixth sense technology	3rd
6th Feb	B	Alasati Dassani	P.Shriya	VNRVJIET	blue eye technology	3rd
6th Feb	C	G. Niranjan	L. Kanchitha	MLRIT	Man-less tollgate system	3rd
6th Feb	C	P.Prathyusha		VNRVJIET	360 tyre energy efficient one	3rd

VALEDICTORY:

- 4.00 pm   Welcoming the Audience.
- 4.05pm   Inviting the guests and dignitaries onto the dais.
- 4.15 pm   Invocation.

- 4.20 pm   Address by Dr. Y. Padma Sai, Dean, Student Progression.

- 4.25 pm   Address by Dr. C. D. Naidu, Principal, VNRVJIET

- 4. 35 pm   Address by Chief Guest Sri Kittu Visapragadda, Lyricist and Cine writer.

- 4.45 pm   Address by Ms. Amulya Racharla, Marketing Manager – Vodafone

- 4.50 pm   Prize Distribution,

ISTE ACTIVITIES

2017 PARADE

This was an ISTE initiative that promotes change in conventional thinking. It will be convenient to have a name for the ideas which are esteemed at any time for their acceptability, and it should be a term that emphasizes this predictability.

2017 ORIENTATION:

Keeping in mind the young talent joining the technical education stream, we the team of ISTE has conducted an orientation session.

STARTUP INDIA:

Working with various sectors helps us achieve the twin objectives of solving critical problems and providing market opportunities for start-ups.

2018 PARADE:

Suicidal thoughts , much like mental health conditions,can affect anyone regardless of age , gender or background.Suicidal thoughts, although common, should not be considered normal and often indicate more serious issues was the matter addressed during the 2018 parade.

CHIMERA X:

The national level quiz conducted by NIT Manit in collaboration with ISTE VNR VJIET was conducted. The participants were quizzed based on their general awareness.

ISTE ACHEIVEMENTS:

11th ISTE- AP & TS sections Annual Convention and Awards Function-2016 on 2nd March 2017 at VNRVJIET

1. VRES Best Teacher award to Dr.G.Ramesh Chandra,Prof,CSE.
2. GEC ideal student of excellence award to our student Mr.S.R.Sai Krishna, ECE.
3. AITM Best innovator award to Mr. S.R.Sai Kaustub and team,ME and EEE.

12th ISTE AP & TS Section Annual Convention and Awards function- 2017 at Aditya Institute of Technology and Management,Tekkali on 29th Dec.2017.

1. GEC State Award for an **Ideal Student of Talent and Excellence from Engineering Colleges** in A.P & T.S Sponsored by **Gudlavalleru Engineering College** Gudlavalleru. **Award to Ms. Shiri Sanjana Vemulapalli,** ECE, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad

2. VRSEC Award for **Best Computer Science Engineering Student** in A.P & T.S Sponsored by **Velagapudi Ramakrishna Siddhartha Engineering College**, Vijayawada **Award to Mr. Shivaprasad Reddy Vanteru,** CSE, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad

3. **Best Student Innovator** from AP & TS Engineering College" sponsored by **Aditya Institute of Technology and Management,** Tekkali. **Award to Ms.Ch.Meghana, Ms.M.Mrudula, Mr.T.Mahidhar and Mr.P.Nikhil Kumar** Students of ECE**,** VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad

4. **Sri G. Krishna Kumar Memorial** state award for **Best Engineering College Principal** in A.P & T.S Sponsored by **G. Pullaiah College of Engineering & Technology**, Kurnool. **Award to Dr. C. Dhanunjaya Naidu,** Principal, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad.

5. Dr. C. D. Naidu Principal and Dr.Y.Padma Sai receiving **award** Sri.V.V.R. Seshadri Rao, Gudlavelleru Engineering College National Award for the Best Private Engineering College at **47th ISTE National Annual Convention during 27th - 29th January, 2018 atSaintgits College of Engineering, Kottyalam (Kerala).**