

ISTE REPORT
2015-2016

ABOUT ISTE

The Indian Society for Technical Education is a national, professional, non-profit making Society registered under the Societies Registration Act of 1860. First started in 1941 as the Association of Principals of Technical Institutions (APTI), it was converted into "Indian Society for Technical Education" in 1968 with a view to enlarge its activities to advance the cause of technological education. The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organisations. Being the only national organisation of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government.

The ISTE at GRIET was started in the year 2004. The faculty, students and management of GRIET took keen interest in establishing ISTE student chapter, GRIET. ISTE has been very active in promoting the ideals for which it was embarked. ISTE conducts various co-curricular activities which redress with the changing curriculum and educational processes. It has always tried to improve students' technical prowess, and bolster them to put their learning into practice. Every event organized brings opportunities for students to compete with their coevals in healthy spirit and become adept in what they are learning, helping them in accomplishing the ultimate goals of their lives.

MISSION

ISTE inspires educators worldwide to use technology to innovate teaching and learning, accelerate good practice and solve tough problems in education by providing community, knowledge and the ISTE standards, a framework for rethinking education and empowering learners

VISION

ISTE's vision is that all educators are empowered to harness technology to accelerate innovation in teaching and learning, and inspire learners to reach their greatest potential.

OBJECTIVES

- To formulate the general goals & responsibilities of technical education.
- To adjust curriculum & educational processes to changing conditions.
- To develop effective teachers & educational administrators.
- To improve instructional methods & practices.
- To enhance professional ideals & standards.
- To foster research as a function complementary to teaching.
- To cultivate fraternal spirit amongst the teachers, administrators, industrialists & professionals.
- To bring about effective linkage between technical institutions industry & society.

AP - 80

INDIAN SOCIETY FOR TECHNICAL EDUCATION



FOUNDED 1968

Devoted to Promotion of Quality and Standards in Technical Education

*This is to certify that
the Executive Council has approved the formation of an*

ISTE STUDENTS CHAPTER

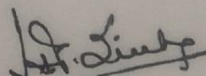
at

**Gokaraju Rangaraju Institute of Engg. & Technology
Hyderabad**

*with all privileges granted by the Constitution of
the Society*

2004




Executive Secretary, ISTE

ISTE STUDENT CHAPTER



FOUNDED 1968

IM 1214

Devoted to promotion of quality and standards in technical education

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

By this Certificate warrants that

Gokaraju Rangaraju Institute of Engg. & Tech.

Bachupally, Hyderabad

was duly admitted by the Executive Council as

INSTITUTIONAL MEMBER

*of the Society and is fully entitled to all the privileges
granted by the constitution and bye-laws*

2004



EXECUTIVE SECRETARY

ISTE INSTITUTIONAL MEMBER

INDEX

S. no	Date From To		Event Name	Event Location	Number of Faculty	Number of Students
1.	11-02-2015	11-02-2015	Guest Lecture	Inside Campus	3	26
2	15-03-2015	15-03-2015	Talk on Career Guidance	Inside Campus	0	50
3	17-04-2015	17-04-2015	Ideaz	Inside Campus	0	55
4	30-06-2015	30-06-2015	Design Sprint	Inside Campus	0	25
5	08-08-2015	08-08-2015	Code Sprint	Inside Campus	3	15
6	27-08-2015	27-08-2015	Tech Zap	Inside Campus	1	24
7	11-02-2016	11-02-2016	Arduino Session	Inside Campus	0	20
8	13-02-2016	13-02-2016	Digital Marketing	Inside Campus	0	30
9	04-03-2016	04-03-2016	Pic-o-metry	Inside Campus	0	24
10	29-03-2016	29-03-2016	Android Workshop	Inside Campus	2	15
11	30-03-2016	30-03-2016	MELA 2k16	Inside Campus	0	500

GUEST LECTURE

Guest Lectures influence the students in choosing the correct career path and educate students about the bridge between the industry and college. ISTE's first guest lecture was delivered by **Dr.V.N.Mani (Scientist-E)** of Centre for Materials for Electronics Technology(C- MET). The Guest lecture was focused on “Role of Manufacturing Engineering and Advanced Electronics”.

The session was on 11th February, 2015 for about 2 hours. A total of 60 students attended the session. The session was graced by **Dr.Y.Vijayalatha (Head of Department IT)**. The session was followed by questions from the students to the speaker.



TALK ON CAREER GUIDANCE

A correct choice during the student life leads to a proper career option. Advanced Academic Center (AAC) GRIET in association with ISTE GRIET Student Chapter hosted a talk on career guidance by renowned IPS officer **Dr.R.S.Praveen Kumar, Secretary-APSWREIS**. The session was graced by **Dr.Adapa Rama Rao, Dean of Counseling and Career Guidance**.

Students were encouraged to make the right choices in life and to overcome their weakness. The speaker also shared some of his previous work and life experiences. Almost 100 students attended and were benefitted from the session. The session had concluded with an interactive session between the students and the speaker.



IDEAZ

ISTE student chapter conducted an erudite event called ideaz on April 17 i.e. (17-04-15). The basic motto of this event was to help students realize the significant role of paper presentations and how they help in building their career. Paper presentations provide a beautiful platform to

share your cognizance. It helps in dealing with your confidence issues when it comes to speak in front of a huge audience.

The participants were given a choice to choose either from the topics of their own interest or from the topics that were well formed in advance. We had a nice turn up for the event. It was over whelming to see the enthusiasm of the participants. While they presented we had a team of experts in the judge's panel to examine them and provide scores accordingly. Based on expert's decision the winners were awarded withcertificates.

The first prize was bagged by **G.UttejReddy**. This is one of the finest events conducted by the student body. At the end of the day we were able to help the participants overcome their fears and turned them into a bold and confident speakers and the result is adequate.



DESIGNSPRINT

It is estimated that there are around 1.75 billion smart phone users worldwide and more than 100 billion apps have been downloaded only from the apple app store till date. These increasing numbers have caught the eye of today's generation and many have decided to contribute to these growing numbers. Sometimes students may have very interesting ideas but they hesitate to share them because of fear of rejection and failure.

In order to break this taboo the ISTE Student Chapter conducted an event called 'DESIGNSPRINT' on 30th July, 2015. The main objective in conducting this event was to bring out the ingenious ideas hidden among the students. The event started off with the participants designing the basic structure of an application. The students worked in teams of four to design the layout of an app along with the special features it provides under the guidance of the technical leads of ISTE Student Chapter. Later the students were given an opportunity to present their ideas to the audience which helped them in conquering stage fear.

Informal feedback from the audience was positive. They said that it was really a new learning experience as they got to work in teams and came to know about the apps designed by other students as well.

Out of all the 23 teams that came up with visionary and productive ideas **team Nick, team J2N and team FlashHorns** were awarded the first second and third places respectively.



CODE SPRINT

To create an app it is just not enough to design the layout, adding life to that application can be done only by coding it. 'CODESPRINT' a sequel of design sprint was conducted by ISTE on 8th August 2015.

The event was about educating the student about the thing to be kept in mind while designing a new application and steps to be followed in coding. **Mr. VenkatDinesh** who is a member of “**Google Developer Group (GDG) Hyderabad**” was invited to give a lecture on app designing. He enlightened the students about the software that is being used in recent times for app development and gave a detailed explanation about one of the famous software i.e. Android digital studio.

It was a hand-on session where the students got to explore the software and learnt how to code using it. Almost 70 students showed up for the event who said that they were very much enthralled with the session and requested to conduct more such educative sessions and in the future.



TECH ZAP

As part of rapid internet growth in the last 10 years, most of the events are now happening online like webinars etc. The ISTE Student Chapter of GRIET has as many as 1000 viewers on its Facebook page and its website. To encourage students to use the internet in a resourceful manner, a quiz competition “TechZap” was conducted online.

The quiz was created using google forms and responses were collected. The quiz started at 7:30 pm and within 30 minutes more than 80 responses were collected.

The first prize was awarded to **Lalitha Tejaswi** of third year ECE and the second prize was awarded to **Charan Kadari** of first year ECE who answered the maximum questions in minimum time.

MEMBERSHIP DRIVE

After the membership drive in February 2014, new memberships were welcomed during 29th, 30th and 31st October. The drive focused on the different kinds of events ISTE Student Chapter conducted and the events which would be conducted in the coming days. Approximately 400 students registered for membership during the drive making ISTE the largest student body of GRIET.



ARDUINO SESSION

Over the years Arduino has been the brain of thousands of projects, from everyday objects to complex scientific instruments. Due to its simple and flexible features, it has become the initial tool for the beginners to implement their ideas and to develop different projects and applications. In order to prove that it's a great tool for the students, ISTE Student chapter has conducted an “**ARDUINO SESSION**” on 11th February, 2016 by **Mr.Naveen Kumar** for the first year students. The main objective of the session was to train the students with hands on experience to handle basic electronic and electrical concepts. Around 60 students participated in the session. The session started with a detailed introduction of how an Arduino works and later with the advantages of it. The students were filled with satisfaction which made the session receive a huge positive response.



DIGITAL MARKETING

We have always had marketing. Ever since the middle ages when shops put up hand-carved wooden signs, the benefits of marketing have been clear: to help people who want to do business with you find you. As the years passed, people also changed. Now we find more people “search first , ask questions later” enthusiasts, search engine optimization, search engine marketing, and public relations emerged as contenders for the advertising which gave rise to the new era of marketing. ISTE student chapter has a Tech talk on ‘Digital Marketing’ on 13th February, 2016 by **Mr.VishalBoppanna** from **NETELIXIR**. Around 120 students have attended the session from various branches. The session was concluded with an interactive session with lot of questions coming up from the students which showed their interest in the field of marketing. The session was highly appreciated by the audience which made the event successful.




Pic-o-mentry

Pen your picture

They say a picture speaks a thousand words but these thousand words differ from person to person and each will have a different version of it. To enhance the creative skills among students and bring out their potential of expression ISTE Student Chapter conducted a non technical event called Picomentry from 25thFeb to 4thmarch2016.

Here the students were told to write a story on the picture of their choice irrespective of the genere. A drop was placed at the library for one week where the participants dropped their stories along with the picture. The event was only for the students of 1styear where 10 people participated. Out of all the interesting and amazing stories SanjukthaRaychudhuri won the first prize.



The poster is yellow with black and red text. At the top left is the GRIET logo. Below it is the ISTE logo with the text 'INDIAN SOCIETY FOR TECHNICAL EDUCATION'. To the right of the ISTE logo is the text 'GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY'. The main title 'Pic O Mentry' is in large, stylized black letters, with 'pen your picture!' in a script font below it. To the right of the title is the handwritten-style text 'Whats your Story?'. Below the title is the date 'From 25th feb-4th march'. On the left side, there is a quote: 'THOSE WHO TELL THE STORIES RULE SOCIETY -PLATO' and an illustration of a person writing on a scroll with the text 'Let's Write A Story!'. In the center, there is a paragraph: 'wake up the creative writing skills in you, choose a picture and write down an ingenious story about the picture!! Get your stories published in The Hindu and Metro India'. Below this is a note: 'NOTE: Only for First years'. At the bottom, there is the website 'www.iste.griet.ac.in' and the contact number 'shounak 9908142041'.

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING & TECHNOLOGY

ISTE presents..

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Whats your Story?

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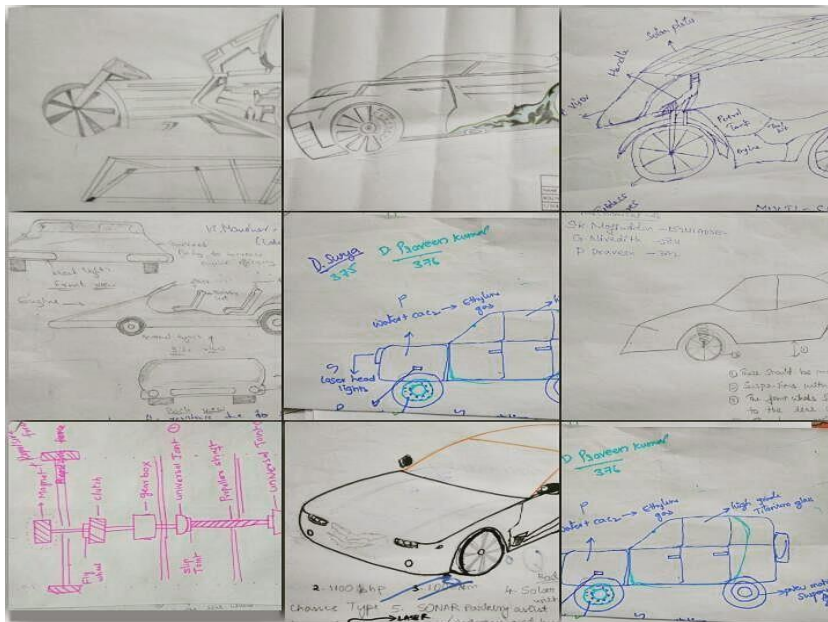
Android Workshop

In today's fast lifestyle people want their things to be done even faster. As a result of which many apps came into being. Applications today have not only made the present lifestyle simpler but also started ruling the gen. To educate the students on how to design an app ISTE student chapter has conducted a one day hands-on workshop on Android app making on 29th March 2016. **Mr.Sanjeev** from **Being Zero** was the speaker of the session. The students were initially taught the basics of app designing and by the end of the day they created an app of their own.

91 students had attended the workshop where they were made to work in teams. Participants were extremely delighted on creating an application of their own and asked for more such educative workshops in the coming future.

THE FURIOUS

"People recognize themselves in commodities but find their soul in AUTOMOBILES." Calling all the automobile nerds out! ISTE GRIET SB organized an event 'Fast and Furious', an automobile design competition was held on 15th July. The main objective is to bring out the hidden talent inside the students and to give them a hands-on experience to create their own futuristic locomotive with the present technology. Around 40 students have attended the session from various branches. The session was highly appreciated by the audience which made the event successful.



MELA- The Tech Carnival organized aims to provide a platform for budding engineers to showcase their skills in a plethora of events designed to exercise their minds. MELA which stands for Music, Education, Literature, Arts consists of a series of events providing an opportunity for the students to exhibit their talents. ISTE MELA also takes the immense pride in introducing the inter-branch competition with the objective of developing the competitive spirit

This one day carnival was held on 30th March, 2016 involving the first year students. MELA conducted about 20 major competitions- officially broken into five categories – Technical, Non-Technical, Literary, Musical and Art Events. Coupled with a highly appreciated “**Android Workshop**” MELA has become even more majestic and elegant.

MUSIC

Music is an art form and cultural activity whose medium is sound and silence. Music gives a soul to the universe, wings to the mind, flight to the imagination and life to everything. ISTE has conducted two events under this category – Singing and Instrumentation.

The students have shown a very good interest in coming up and performing in front of all the audience. Instrumentation also involved the classical instruments like harmonium which depicted the eminence in Indian music. However it remained the star event by attracting a huge audience that left the event extremelysatisfied.



TECHINICAL EVENTS

The main objective of MELA is to provide an opportunity for the students to showcase their technical skills. MELA included 7 technical events planned and organized at its best of quality. The events were decided keeping the interest and need of every student.

1. Paper Presentation

2. SciCross

3. MathMasti

4. Decode andConnect

5. Ram up thecircuit

6. Codewar

7. C-Monopoly



The basic motto of the Paper presentation event was to provide an opportunity to build their technical knowledge, critical thinking and enhance their communication skills to a superlative level. The electrical students have shown a massive interest in participating in these events making them successful. Coding is only thing that helps you build yourself in this modern world. Due to the enormous response from the students these events turned out spicy which included a lot of competition. This surely was a great attraction for MELA.



NON-TECHNICAL EVENTS

A festival is never a festival without fun and entertainment. MELA included 5 non technical events providing students all the joy and entertainment.

1. Ad-Mania
2. Directions in the dark
3. Crime Scene Investigation
4. Count down 60
5. Moto Rush

They were equally planned and executed perfectly and hence managed to gather a large audience and left all the events extremely satisfied.



LITERATURE AND ARTS

Events under this category were conducted to bring out the hidden talents of students. Literary events help in improving writing and communication skills. It included a newspaper quiz and essay writing competition. The one event which made our eye brows raise was newspaper quiz. It received a very huge response making it a successfulevent.



