

ISTE REPORT  
2018- 2019

## 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

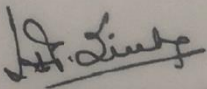
*at*

**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 MEMB**

**ISTE GRIET SB**

S. no	Date		Event Name	Event Location	Number of Faculty	Number of Students
	From	To				
1.	01-08-2018	06-08-2018	Apeiron 2k18	Online Event	0	150
2	15-09-2018	15-09-2018	Code Auction Season 3	Inside Campus	0	300
3	18-08-2018	18-08-2018	Conclave	Inside Campus	0	50
6	25-03-2019	25-03-2019	MELA	Inside Campus	0	1200
7	06-03-2019	06-03-2019	Guest Lecture on artificial intelligence and robots	Inside Campus	5	70

## 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.



**MELA - 2k19 - 25<sup>th</sup> March**





## TECHNICAL EVENTS

The main objective of MELA is to put forward an opportunity for the students to exhibit their technical skills. The 4th edition of MELA included 10 technical events planned and organized at its best quality. We overall had 244 participants.

The events were decided keeping the interest and need of every student.

- 1.Trailblazer
- 2.Chess Code
- 3.Circuit Casino
- 4.Simage Buildup
- 5.Outright
- 6.Return to void
- 7.Tech Gamble
- 8.Physi Relay
- 9.Electrospire
- 10.Force Shift

The basic motto of conducting all the above events was to bring out the technical knowledge, critical thinking and communication skills to a superlative level. All students irrespective of their branch showed interest and made the events successful.



## NON-TECHNICAL EVENTS

A carnival is never a carnival without fun and fascinating elements in it. The 4th edition of MELA included 10 amusing non-technical events that provided students all the jubilation and divertissement. We had 272 participants for our astounding events.

1. Maze Runner
2. BBC
3. Build And Blow
4. Candyman
5. Sherlock
6. Twist Up
7. Nod-Nod
8. Radium Cricket
9. Ping Pong Bash
10. Guess the Dance

The main objective of the above events was to provide students lot of fun. They were equally planned and executed faultlessly. All the events 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 camouflaged talents of students. The literature events helps in improving writing and communication skills. The Literature events of MELA had riveting events like Script Writing, Join the Genre, Helium Talks, Irrelevant Answers, ToGather. The events like Join the Genre provided a platform for the participants to use the creative side of mind, it helped the students to improve their creative skills.

In Arts we had noteworthy events like Bulb Painting, Doodle Balloon .We had 154 participants who showcased their Literature and Art skills. The 4th edition of MELA had an astonishing Art Gallery which received colossal amount of participants and spectators. We had 15 outstanding participants who presented their art pieces in the gallery.





Be it a college fest or a festival at home culture and traditions are always respected and encouraged, as a part of our culture we had Rangoli event as a part of MELA, it made MELA day more colourful. It was a fun event adding smiles to all our faces which heightened our energies.

MELA was conducted on 25th March, we had around 631 sprightly participants who showcased their skills. The students were really contended with the events and the work of team, they participated with huge enthusiasm, and made MELA a huge success.





# APEIRON 2K18

The name of the event itself means boundless, i.e., an event which had no bounds, where any engineer from any branch can take part. Apeiron 2k18 was the 2nd online event conducted by ISTE in the period 1st August-6th August 2018. It had four different events under it for all the branches, thus the participants were well pleased with the different choices they got to choose. These event ideas were new and innovative which attracted a lot of participants. These four events were called,

- 1)E-BIZ for CSE &IT
- 2)E-ACTUNO for ECE &EEE
- 3)BUILD THE UNBORN forCIVIL
- 4) GRAPHICA forMECHANICAL

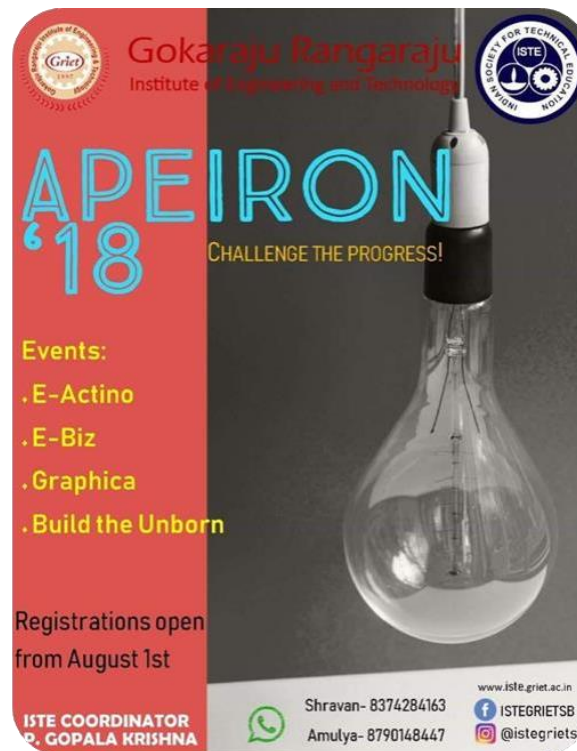
Every participant brought his/her creature genius on board and made it difficult for the judges to choose the best among so many amazing ideas given by them.

The winners for \*APEIRON'18\*:

E-Biz: Shailaja - 17241A1272

E-Actino: Juanita Raju - 18245A0425

Graphica: Lakshmi Deepa Tadepalli - 16241A0397



The poster for Apeiron '18 features a central image of a glowing lightbulb with a pen nib inside it. The text on the poster includes the event title 'APEIRON '18' in large blue letters, the tagline 'CHALLENGE THE PROGRESS!' in yellow, and a list of events: E-Actino, E-Biz, Graphica, and Build the Unborn. It also mentions that registrations are open from August 1st and provides contact information for the ISTE Coordinator, P. Gopala Krishna, including phone numbers and social media handles.

**Gokaraju Rangaraju**  
Institute of Engineering and Technology

**APEIRON '18**  
CHALLENGE THE PROGRESS!

**Events:**

- . E-Actino
- . E-Biz
- . Graphica
- . Build the Unborn

Registrations open from August 1st

ISTE COORDINATOR  
P. GOPALA KRISHNA

Shravan- 8374284163  
Amulya- 8790148447

www.iste.griet.ac.in  
ISTEGRIETSB  
@istegrietsb



ISTE GRIET SB

## ***CODE AUCTION SEASON 3***

Computers do not solve problems, they execute solutions.

The tremendous success of Code Auction Season 1&2 led to Code Auction Season 3. And this season brought a lot more success to ISTE in GRIET which was conducted on 15th September 2018. Now code auction will also be considered as one of the biggest event that has happened in GRIET through ISTE.

Participants flocked in large numbers, around 100 teams, i.e., 300 participants attended the event. The reason why so many of them have shown interest was the idea of auctioning on codes and also the publicity was done very well. Questions on codes were prepared and projected and the participants auctioned these questions in the 1st stage and then later executed them in their laptops during the 2nd stage. As always participants have enjoyed the auction a lot. The feedback taken at the end gave the team a lot of satisfaction, as it stated that the participants enjoyed the event thoroughly.

It was a tough take to lift out only 5 teams out of 100 as winners of the event. The Teams which we're declared as the winners are:

### **Team1:-**

NOEL RAJ

17241A05F3

TARUN

17241A05E4 AKHIL

17241A05H2

### **Team2:-**

SHUBHAM GUPTA

17241A05Z1 Y.SAI SRI

RAM 17241A05Z8 RAM

SAI JEETESH 17251A05V4



**Team3:-**

ABHISHEK BANDWALKER

17241A05U2 AKSHITH GOUD

17241A05X9

DHEERAJ KALYAN 17241A05Y0

**Team4:-**

MANISHA

17241A05E7

NAZREEN

17241A05W5

PRAVEENA

17241A05W6

**Team5:-**

M.A.S. PRANAVA NINADAM

17241A05R4 R.SAI MAHESH

17241A05S9

S.ESHWAR CHAITANYA 17241A05T1



Shot on OnePlus  
By shounak

**GOKARAJU RANGARAJU  
INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**ISTE GRIET SB  
PRESENTS**

**CODE AUCTION**

**FACULTY INCHARGE:**  
P GOPALA KRISHNA

**DATE:** 15 SEP 2018

**VENUE:** SHED 1

**CONTACT DETAILS:**  
Rahul: +91 82972 06207 | Navani: +91 78933 76366

**FEE:**  
Team of 2-3 : ₹60  
Team of 2-3 : ₹30\*  
\*(ISTE Member)

[www.iste.griet.ac](http://www.iste.griet.ac) | [f](#) ISTE Griet SB | [i](#) istegrietsb

**CONCLAVE**

**ISTE GRIET SB**

Conclave was an official meeting where all ISTE student chapters from various colleges of Hyderabad were gathered to discuss the functioning of ISTE in Hyderabad and scrutinize its development in future.

Due to exams and other events in their colleges, many couldn't attend the conclave. The ISTE's core committee members of Sreenidhi Institute of Science and Technology (SNIST), VNR Vignana Jyothi Institute of Engineering and Technology, G. Narayanamma Institute of Technology and Science (GNITS) have travelled long distance to attend the conclave.

The was started with a welcome speech which also listed out few events which ISTE has conducted in GRIET. The respective ISTE members of the colleges were called out to talk about ISTE in their college and the events they have conducted till date through ISTE. Then, there was a discussion on how ISTE can take up a larger platform, i.e., a state-wide platform for its events and not to be only confined to a particular college. And at the end we have decided to come up with a bigger state level event which will be having a lot more events, competitions, seminars, workshops, speeches under it.

The conclave has worked out really well. Some great ideas were shared. We are looking forward for this first event in Telangana State to achieve a huge success and the conclave to be called the best decision taken by ISTE.



# OZMENTA

ISTE started 2019 with showcase of a wide spectrum of events that encompass everything about techno-management. In the idea of making learning as easy as possible and as a part of that endeavour “OZMENTA” which is a blend of different events was conducted to bring out the best out of the students by taking the limits of technology a notch higher while enriching the existing ones. It provided a unique opportunity only for ISTE MEMBERS to exceed in both their technical and entrepreneurship skills.

To give our best to ISTE MEMBERS for their overall development, we conducted two rounds which had several events under them.

**GOKARAJU RANGARAJU**  
INSTITUTE OF ENGINEERING AND TECHNOLOGY

ISTE presents

## Ozmenta

**ROUND 1:**  
RAFFLE BEE [CSE & IT]  
TECHFIE [ECE & EEE]  
EXPLORE DAS AUTO [MECHANICAL]  
ACETHETIC [CIVIL]

**ROUND 2: DETRIX**

**DATE:** 4TH JANUARY 2019  
**VENUE:** 4501  
**TIME:** 10AM-3PM

**RAHUL:** 8297206207

ISTEGRIBSB  
ISTEGRIBSB

FACULTY COORDINATOR : P. GOPALA KRISHNA

The round 1 had four different events for all the branches, thus the participants were well pleased with the different choices they got to choose. Therefore, many ISTE MEMBERS have shown immense interest in participating and competing with their counterparts in round 1.

**Round 1** had the following events for students of their respective branches.

## 1. Raffle Bee (CSE/IT):

Raffle bee is otherwise called as Housie (Tambola). Participants were given housie tickets. The organizer picked the coins randomly and the participants folded the number in their ticket (when present) by answering the respective question displayed. The participant who finished folding the entire ticket numbers by giving correct answers in lesser time where qualified to round 2.

**ISE GRIET SB**

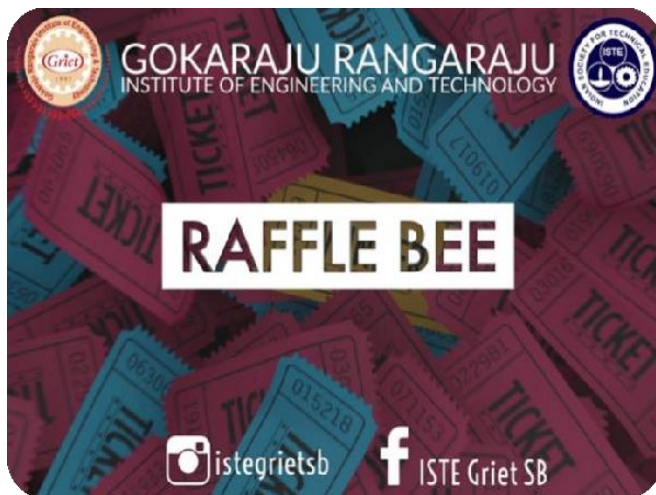
**2.Techfie (ECE/EEE):** In this event, participants answered the questions displayed on the board through projector, which followed the alphabetical order, i.e., the answer to the first question starts with letter 'A', second with letter 'B', the next with 'C' and so on. Participants will be awarded with points for every correct answer.

**3.Explore das Auto (MECH):**

Participants had to guess the logos of automobile companies and mechanical parts of engine systems.

**4.Aesthetic(CIVIL):**

Participants had to guess the famous civil engineers and their constructions.



## ROUND 2 DETRIX:

In this round the winners from each event were divided into groups and were given problem statements related to entrepreneurship for group discussion. After group discussion, they were headed towards a debate between two of the teams to see whose approach towards the problem statements was better and how well they debated to prove their solution right. The team with strong points in debate and best approach towards the given problem statement were announced as winners and runner ups.



The event was operated successfully and the ISTE MEMBERS were delighted and felt advantageous of being a part of ISTE, as this event was exclusively conducted for ISTE MEMBERS. Students have recollected the basic technical knowledge of their respective branches in round 1 and learned how to find solutions to problem statements and how to approach a case study in a better way in round 2. Two groups which were very innovative in approaching a case study were selected and were declared as winners and runners up. As a whole, the event successfully taught the students two major skills, i.e. technical and entrepreneurship skills an engineer needs in the world of innovative and competitive spirits.

❖ WINNERS:-

1. M. Sai Sriya
2. A. Isha-17241A1203
- 3.P. Santhosh Kumar-16241A0448
- 4.K. Sri Harshini-17241A1287
- 5.B. Ramya-17241A1271
- 6.M. Prathima-17241A1237

❖ RUNNERS:-

1. R. Sai Prudhvi-
2. Chandrika Omtri
3. S. V. Shravya-17241A0454
4. G. Eshwar-17241A0277
5. K. S. Phani Tejaswi-17241A0287
6. B. Venkat Rahul-16241A0458



# GUEST LECTURE

Indian Society for Technical Education (ISTE) organized a Guest Lecture on “Artificial Intelligence and Robotics” on 6<sup>th</sup> March 2019 at EEE Department seminar hall(4412). The guest speaker was Mr.Prashant Menghal, Associate Professor, MCEME, Secunderabad.

The session started by commemorating Dr. Prashant Menghal. Sir gave his introduction and started the session by interacting with the students about Artificial Intelligence and its need in today’s society. Dr.Menghal defined Artificial Intelligence in a very new and interesting way which attracted the students very much. He defined AI as the intelligence exhibited by machines that can recognize human speech, object, can learn, plan and explain. Sir explained about the history of Artificial Intelligence.

He mentioned that Artificial Intelligence was termed by John McCarthy in 1956, by a famous Dartmouth Conference. Sir explained about the Typing Test Approach in AI. He also explained about the difference between human brain and an AI machine by using simple daily life examples. Then he discussed about how Artificial Intelligence researches are going on and what improvements we can do to the society by using AI.

Dr.Menghal approached the next topic “Machine Learning”. He defined Machine Learning in an innovative way that amazed students. Sir then explained about the types of Machine Learning which are categorized into three Supervised Learning, Unsupervised Learning, Reinforcement Learning. He defined them as shown below:

Supervised Learning: It is a type of learning that needs Supervision always, The example that Sir gave us was our professors and students, We always need supervision of our professors in our concerned subjects.

Unsupervised Learning: It is a type of learning that does not require any supervision i.e., this kind of learning is self-sufficient. The example that Sir gave us was some students who don’t come to classes and who can study on their own

Reinforcement Learning: It is a type of learning in which we follow hit and trail method the example given by Sir was quite real he described how students actually follow a pattern of reading important questions before their examinations.

He explained that the Supervised Learning is mostly used in predicting the weather, Unsupervised Learning is used in Banks. Sir then clearly explained us about the limitations of Machine Learning, He explained us that the three dimensional data can’t be handled by ML. Dr.Menghal then explained us the difference between Machine Learning and Deep Learning .He gave us an example saying that students need to do Deep Learning i.e., they have to know the subjects that they are studying completely but not Machine Learning i.e., just before exams.



Dr.Menghal gave a clear explanation about Deep Learning. We then had an interaction session where students posed their queries to Dr.Menghal, He explained them to the students with huge interest and enthusiasm.

Our faculty coordinator expressed his gratitude towards Dr.Prashant Menghal.Then our faculty Dr.V. Sridevi Mam and Vijaya Rama Raju Sir presented Dr.Menghal a token of gratitude. Students were contented by the knowledge they gained during the session. They have got an idea about Artificial Intelligence andRobotics