

# **REPORT**

## **ISTE GECBH STUDENT CHAPTER**

**JANUARY 2020-JULY 2020**

# CONVENTION REPORT

*“Success is no accident. It is hard work, perseverance, learning, studying, sacrifice and most of all, love of what you are doing.” ~ Pele*

The 18th Annual ISTE State Student Convention, the celebration of another year of achievements, accomplishments and the very spirit of the society was successfully conducted on the 18th and 19th of January 2020, at Government Engineering College Barton Hill. It was aptly themed “Rise Above the Limits” and packed a multitude of activities and competitions that invigorated and inspired all who attended.

The inaugural ceremony was held on 18<sup>th</sup> January 2020 and it was led by Dr Jayaprakash, the outstanding scientist of ISRO as the chief guest alongside the ISTE Kerala Section Chair, Dr Vijayakumar, Dr K Suresh-Principal of GEC Barton Hill and Professor Jayasree P, ISTE Secretary of GEC Barton Hill. The ceremony proceeded with the welcome address by the ISTE GECB SB Chairman Manu K S and then the presidential address by the ISTE Kerala Section Chairman. The Chief Guest talked about how the theme aptly talks about us



Indians rising above all the limits set before us and also about achieving the heights beyond sky.

The ceremony concluded with the prize distribution for the best student's chapters, best students, and best faculty which were distributed therein. Government Engineering College Barton Hill and Government College of Engineering



Kannur was awarded the Best Student Chapter of ISTE. Award for the chapter having Maximum Number of Activities was bagged by Mar Baselios College of Engineering and Technology, Trivandrum. Govt. Engineering College, Thrissur became the Chapter having Maximum variety Activities. Prof. Asokan O V (GEC Kannur) and Prof. Jayasree P (GEC Barton Hill) bagged the special appreciation awards

for best faculty advisors. The best student award was shared among Varsha SK (GEC Barton

Hill), Liyana Sahir (GCE Kannur), Arjun K M (Jyothi Engineering College), Manesh V (GEC Thrissur), Amrutha (Trinity College of Engineering), and Gouri AV (Mar Baselios College of Engineering and Technology).



The 18th Annual ISTE State Student Convention saw a change in format this year with the addition of talks with 8 very eminent and inspirational speakers, cultural nights and a rock band concert with the Billboard artist -Lazie J and networking session to the usual schedule alongside all of the

competitions. A total of 12 events: 7 technical competitions and 5 non- technical competitions saw delegates battling out for the championship. Bridge IT, Cataclysm, Gate to Generate, glow it or Blow it, Trojan Wave, Tech-No-Logic and Confabulous were the different technical events held. JAM, Anima, Inquizitive, Quidditch, Trig Troupe were the general events held. Events like Confabulous (contraption building), Quidditch (Harry Potter Quiz), Trig Troupe (Maths Quiz), Cataclysm (Data interpretation) and Anima (Persona) stood out based on the novelty and uniqueness of the events.

The first day saw the morning session with a talk session by the Chief Guest Dr Jayprakash - Outstanding scientist of ISRO. Soon after this session, the delegates were given the parallel talk sessions held by Mr. Jabir Karat – CEO of Greenworms, Dr Nidhi M B – ISTE National Council Member and Team Insight. Dr Nidhi held a session exclusively for ISTE ExCom members to discuss the activities held so far and the future plans of various SB's. Mr. Jabir Karat talked about how his vision of greenery across Kerala is wide spreading and how we us engineers play an important role.



Team Insight is a group of young minds who aim at spreading awareness and free education for all school students. They held an interactive session engaging the students in various activities.

The sessions were later followed by various competitions which saw innumerable participation from the delegates. A special Drone Piloting Session was also arranged for the delegates. A networking session

arranged during the Convention helped the delegates from different college to meet and interact with ISTE members of different colleges. The first day ended with a cultural night including a band performance from the students of GEC Barton Hill and later a rock band concert with the Billboard artist -Lazie J was held.

Day 2 witnessed the talk sessions by Ms. Tiffany Brar - Founder of Jyothirgamaya foundation. An independent lady with strong will power, she interacted with the delegates telling them stories from



her childhood and her experience in this world. Her sessions were quite unique. Later, talk sessions were held by Dr. Sathish A V - Scientific Officer at Koodamkulam Nuclear Power Plant. He talked about the “Myths & Facts about Nuclear Energy”. Another session was held parallel by Mr. Arjun B S - PhD scholar at IISc Bangalore. Mr. Arjun was very enthusiastic person who interacted with the students, telling them about what lies outside the shell of engineering.

Competitions were held after the talk sessions which was followed by the closing ceremony. Outstanding feedbacks were received from the delegates regarding all the talk sessions

The closing ceremony had Dr. Nidhi M B, ISTE National Council Member as dignitary leading it along with Dr. Suresh K, Principal GEC Barton Hill and Prof. Jayasree P, ISTE GECB Secretary. The closing ceremony witnessed the experience sharing by the dignitaries, faculties and of course the students. Mr. Manu K S, Chairman ISTE GECB SB gave the report and the effort from the beginning to make this convention ne big success. He also talked about why it was necessary to maintain networking among the students and what we aimed from this convention. The convention concluded with the award ceremony.



The overall championship was taken by GCE Kannur, followed by GEC Thrissur as runners up and Government Engineering College Barton Hill as the second runners up. The Best Delegate was awarded to Mr. Safvan of GCE Kannur.

Name of College	Points
GCE Kannur	508
GEC Thrissur	404
GEC Barton Hill	234
Mar Baselios College of Engineering	27

The convention was made one big success not only by all the delegates who actively took part in it but also by each and every soul who worked behind the scenes to make it what it was. The team led by Mr. Manu K S, Chairman of GEC Barton Hill ISTE SB along with Prof. Jayasree, ISTE GECB Secretary efficiently worked day and night to bring forth a change and strived hard to make an epic event within the limited space of the campus. What we stood for and what we still believe is to Rise above our limits and that is the motto we emphasized to keep for years to come.



## STUDENT-TEACHER PROGRAMME



A teacher's task is to initiate the learning process and then get out of the way. Bartonoidz, the robotics club under the ISTE Student Chapter of GEC Barton Hill is proud to say that more than 5 sessions of the Student-teacher programme has been successfully completed.

The sessions covered the basics of programming, involving the students thoroughly in the process. The sessions follow through an assiduous lesson plan prepared with a meticulously planned syllabus. Future sessions will have classes based on interdisciplinary breakthrough technology and industrial visits to keep members UpToDate. More interesting topics await members in future sessions as they assemble at the familiar class of MG01 at 4pm after class every day.

## THE ORACLE

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The ISTE Student Chapter of GEC Barton Hill proudly presents "The Oracle", an online inquirer newsletter featuring the students' questions to any accomplished person, institute or organization (small scale or large scale), to become the voice of Barton Hill out to the world where members get to read first-hand experience: of what is, what never was and what could be.

It's a newsletter that answers a student member's questions. Their questions to somebody they can't always easily ask questions to, someone important. It could be anybody: be it the Metro Man or an organization that's making a mark (nonfictional people in existence).

What we do is get those questions to the inaccessible person inquired for as best as we can, and get their answers to the members in the form of an organized newsletter.

The first issue featured the Metro Man of India, Dr. E Sreedharan.

Other issues featured prominent members of the technological society such as Dr.PM Ajayan, Dr. Koshy M George, and Dr. RVG Menon.



## OTHER ACTIVITIES:

### 1.Resume writing competition

As students and budding engineers, we often find it too daunting a task to get our resumes rolling, having no idea where to begin or what to put in: "Make a resume" is often a checkbox we procrastinate to tick off from our lists. This event was the perfect

chance for members to tick that box, and win prizes for it. Participants had to complete the task of building their resume to submit for the placements cell according to rules set to win a prize money worth rs.1k. Two entries were selected as the final winning resumes. The best among it was given the status of first (Shaino Shajimon, GEC Barton Hill) and the other was given the status of second position (Adhithyaa G, GEC Barton Hill).

### 2.Webinar on tips to POWER UP YOUR RESUME & SCORE YOUR DREAM JOB

This was the first event of the new execom conducted in collaboration with IEEE SB GECB. The webinar was held on June 13 2020, 7:30pm and lasted for about an hour and half. The session was handled by Devi Raj S (Coordinator of Insight Organization, Associate Engineer of L&T Technology Services). It was an interactive session with around 120 participants. Participants from various colleges were included too. The session was done in Google meet platform. The webinar covered various areas on how to create a polished resume. Participation certificates were sent to all the active participants along with a feedback form.

### 3. PROJECT X



This was an online technical Instagram contest (open to all) where the participants were allowed to send in videos or pictures of any innovative objects or ideas to us, which would be uploaded in our Instagram page. Registration fee of Rs.20 was levied which was contributed to Chief Minister’s COVID-19 relief fund. The event was launched on 4th June and the contest received 7 entries and evaluation was based on the number of likes received (30 percent) and content quality(70 percent).The winner Mr. Arunlal Jayaraman, GEC Barton Hill,

( for the Project FM Receiver- low noise FM receiver made using Arduino nano) was declared on 7th of July. The winner received prizes worth 1k and all the participants were given participation certificates.



### 4 AGM

The Annual General Body Meeting of ISTE Students’ Chapter GECBH was held on the 27th of June 2020.It was a first ever Virtual AGM of ISTE SC and the platform was set in Google meet. Setting up the commencement for a new legacy in order to welcome the next academic year while honoring the fantastic achievements and events of ISTE Student's Chapter for the past year.

It was inaugurated by our dear Principal Dr K Suresh, who encouraged students to involve in the activities of ISTE. Jayasree ma’am, our Staff coordinator delivered the presidential address.

We were reminded about all our exciting events and achievements by our previous secretary Mr. Midhun R, and Bartonoidz after movie that which reminisced the good old days.

Mr. Manu K S and Mr. Hari R S, former chairmen of ISTE and Bartonoidz respectively, offered us a peek into their college days and experience, coordinating the chapter and wished the new EXECOM headed by Ms. Varsha S K(ISTE) and Mr. Akhil M(Bartonoidz), the very best for all forthcoming ventures. The new EXECOM of the ISTE Student Chapter and Bartonoidz were introduced to the students and special mentioned the names of the Outstanding Volunteers (2019-2020).

The AGM witnessed the launch of BARTONAIR, a new initiative for all the aviation enthusiasts in GECBH with a mission to form a great team of flying enthusiasts.



### 5.Group discussion

The Group Discussion, hosted by ISTE GECB on the evening of July 11, was a grand success, having witnessed active participation from multiple colleges. ✨

The jury was headed by Mr. Abhijith S Nair, Managing Partner, Ecoloop360 and Ms Devi Raj S, Coordinator of Insight Organization and Associate Engineer, L&T Technology Services.



The event was conducted in two rounds. After the first round on the topic "What is the future of exams as a valid assessment tool?", 8 contestants were selected for the final round on the topic "Will the quarantined lifestyle pave way to a new future?". Both the rounds turned out to be highly engaging. The results were announced on Sunday and Gayatri H (TKM Engineering College) and Nadeeha A (Government Engineering College, Barton Hill) emerged as the final winners.

The event put every skills of the participants to a rigorous test. With dedicated members, jury and participants, ISTE's first online GD was a major success.

## 6. Paper to

### propeller

The first ever event of ISTE GECB Student's chapter's innovative wing, Bartonair, our own club for aviation enthusiasts and RC hobbyists: Bartonair newly launched on June 27th, collaborated with AeroCET to organize "Paper to Propeller", a free learning platform about avionics paired with a fun treasure hunt, whose clues lay hidden in five engaging talk sessions about Avionics handled by faculties and members of AeroCET and Bartonair. The sessions were taken from 15th to 20th of August.

Session 1: History of flight.

Session 2: Aerodynamics.

Session 3: Avionics-The JET age.

Session 4: Stability and control.

Session 5: Current developments.

The treasure hunt had clues that made participants rummage through every nook and corner.

From among 152 participants Ganesh Menon from GEC Barton Hill, topped the leader board with an impressive score of 117 points, with the first runner up, Nanda Kishore P from SCTCE, with 85 points. And the second runner up Gokul G S studying in KV Pattom, with 82 points. The winners received prizes worth 1k along with certificate of appreciation. Also, participation certificates were issued to every participant.

