TCS TechBytes – State vide IT Quiz for Engineering Students

It is wonderful to see the growth of TCS TechBytes program through the years. This year the program celebrated an impressive milestone of 10 glorious years, which was made possible by the enthusiastic participation of engineering institutions and students across Karnataka.

TCS as an organization believes in fitness of both the body and mind. This quiz is an endeavor to keep the mind agile and fit. The program acts as a catalyst to sharpen engineering minds and broaden their vision on new age technology solutions that are radically changing the way the world does business today. TCS TechBytes underlines the importance to continuously embrace new knowledge to capitalise on future growth opportunities.

My sincere appreciation to BITES and all the engineering institutions for the wonderful support we have received towards making the 10th edition of TCS TechBytes a success. I am sure the program will set new benchmarks in the years ahead.

We are elated to place on record the successful conduction of TCS TechBytes-2019 event held in collaboration between TCS and BITES institutions. TCS TechBytes event, which completed tenth year in 2019 has proved to be a testimony for good industry-academia collaboration. As in the previous years, this edition was also conducted between 6th of March and 21st of March, 2019 at six regional centres namely, Kalburgi, Hubballi, Tumakuru, Mysuru, Mangaluru and Bengaluru. This year’s finals, held at SJBIT- Bengaluru saw intense competition between participating teams and the winning team emerged only at the last moment. BITES would like to thank Prof. Kavi Mahesh, Director of IIIT, Dharwad for having agreed to be the chief guest to distribute prizes at

BITES takes this opportunity to express its thanks and gratitude to TCS as well as personal thanks to Shri N G Subramaniam, Ms.Shoba Murthy, Mr. Nagaraj Ijari and Mr Sunil Deshpande for taking keen interest in organizing this year’s event. BITES would like to place on record its appreciation to the QUIZ MASTERs Team for conducting the competition professionally. Our special thanks are due to the Principals and Managements of Engineering Colleges who hosted the regional events at their Institutions and all others who directly or indirectly helped in making TCS TechBytes 2019 a memorable event. We are happy to witness a steady growth in the quality of quizzing over the years, making Quizzing a “must take part” activity among the student. We sincerely hope that this activity will grow bigger and better with every passing year in terms of quality and extent of participation as well as depth.
The TCS TechBytes 10th anniversary program kick-started at Mangalore on 6th March at Sahyadri College of Engineering & Management, Mangalore. Over 400 students from the region participated in the event anchored by noted quiz master Lloyd Saldanha. The packed auditorium came prepared for the preliminary round and took the prelim with gusto. After a quick preliminary round the top 6 teams that qualified for the final were as follows:

1. Canara Engineering College - Suraj Pai & Vineeth Rao
2. Mangalore Institute of Technology & Engineering - Abdul Fardeen & Al Saeed Afridi
3. KVG College of Engineering - Shobith JB & Rajath Ballal
4. Sahyadri College of Engineering & Management - Arjun Suvarna & Chaman K
5. St. Joseph’s Engineering College - Karan Gupta & Garry Leroy Pinto
6. NITK, Surathkal - Hrishikesh Thakkar & Pratyush Prakash

As the quiz commenced, the quizmaster explained the format, rules and regulations of the quiz. The animation based quiz format had the following three segments – Byte Link, Byte Pixel, Byte Jumble, Byte Connect and Byte Waves. The quiz had several interesting elements built into it which prompted students to think laterally. Each of the rounds tested the students spectrum of knowledge in the IT sphere.

The quiz got off to a flying start with teams scoring well in the BYTE LINK round. Within the first two round NITK, Surathkal & St Josephs and KVG started outscoring others. In the third round, smart thinking on their feet and some great answers led NITK to a huge lead.

KVG were not the ones to give up and chased down the leaders NITK to within 100 points, but NITK, held their nerves and finished with a slender margin of 50 points to be crowned Champions at Mangalore. A very fitting beginning to the 10th Anniversary Edition.

Mr. Srinivas Rao Kunte, Principal of Sahyadri College of Engineering & Management, distributed the prizes and emphasized the importance of hard work for success and appreciated the participants.

The Winners took home an educational scholarship of Rs.12,000, a glittering trophy and prizes from TCS. The Runners-up received an educational scholarship of Rs 10000 and prizes from TCS. The teams that stood 3rd, 4th, 5th & 6th received earphones, pendrives, haversacks, T-shirts and speakers. All the participants were also given certificates.

Winners: NITK, Surathkal - Hrishikesh Thakkar & Pratyush Prakash
Runner Up: KVG College of Engineering - Shobith JB & Rajath Ballal
Enthusiastic participation marked the TCS TechBytes Mysore round held at the auditorium of the prestigious JSS Science & Technology University, Mysore. The prelims got off to a great start, with teams enjoying the questions and the banter with the quizmaster. The following were the top six at the Mysore edition:

**MYSORE FINALIST**

1. **HKBK College of Engineering** - Ubaik Mushtaq & Abubaker Siddique
2. **National Institute of Engineering** - Guruprasad V & Chandan Hegde
3. **ACS College of Engineering** - Nandan M & H M Bhanuprasad
4. **Jyothy Institute of Technology** – Srikrishna RN & Venkatakrishna S
5. **JSS Science & Tech University** - Ritu Raj & G N Ranjan
6. **Vidyavardhaka College of Engineering** - Adith A Danthi & Nikhil Ramesh

Like every year, the versatility of the teams was on show and each of them was eager to get off to a great start and maintain their lead. In this process, NIE, VVCE and JIT were the stand out teams with all of them going neck to neck.

The last few rounds saw NIE move past the rest to win comfortably with over a 300 points lead to their nearest challengers VVCE and JIT.

The winners, runners up and the finalists were felicitated by the Dr T.N. Nagabhushan - Principal, JSS Science & Technology University who was thoroughly appreciative of the efforts of the teams.

The Winners took home an educational scholarship of Rs.12,000, a glittering trophy and prizes from TCS. The Runners-up received an educational scholarship of Rs 10000 and prizes from TCS. The teams that stood 3rd, 4th, 5th & 6th received earphones, pendrives, haversacks, T-shirts and speakers. All the participants were also given certificates.

**WINNER:** National Institute of Engineering - Guruprasad Veerannavaru & Chandan Hegde

**RUNNER UP:** Vidyavardhaka College of Engineering - Adith A Danthi & Nikhil Ramesh
The hot weather at Gulbarga did not deter teams from participating at the TCS TechBytes program in the city on 11th March at Appa Institute of Engineering & Technology, Gulbarga. After a quick prelim the top six teams that qualified on stage were as follows:

1. **BKIT, Bhalki** - Prajwal BH & Karthik S
2. **SECAB Institute of Engineering & Technology** - Shaheen Mulla & Sayyeda Humera Qadri
3. **Appa Insitute of Engineering & Technology** - Saba Tahseen & Chandrapriya V Gudnale
4. **KCT College of Engineering** - Shaikh Shabeena Mukhtar & Ayesha Siddiqua
5. **Lingaraj Appa Engineering College, Bidar** - Mohd. Mustaba Khan & Abdul Mukheet Chanda
6. **BLDEACET, Bijapur** - Amogh RL & Atifhusain M Hunachagi

The wonder of this year’s final at Gulbarga was twofold; one was the fact that we had three all girls’ teams on stage for the first time this year at TCS TechBytes 2019, and also that all six teams on stage were first timers at a final.

Yet, all teams showcased nerves of steel and confidently answered the questions that was posed by the quizmaster. Following the pattern of previous years, BLDEACET and APPA Institute seemed to continue the tradition of a two-horse race, with both teams getting ahead of the other teams. As if on cue, the buzzer rounds saw BLDEACET take off the hand brake and went ahead to become the first team in this year’s edition to score more than 1000 points on the scoreboard. BLDEA eventually finished with the champion tag with a total of 1165 points.

The Dean of Appa Institute of Engineering & Technology gave away the prizes and appreciated the teams.

**Winners: BLDEACET, Bijapur** - Amogh RL & Atifhusain M Hunachagi

**Runner Up: Appa Insitute of Engineering & Technology** - Saba Tahseen & Chandrapriya V Gudnale
The TCS Tech Bytes program at KLE Technological University was impeccably organized on 13th March. The 2019 edition had a packed house of eager students who had come well prepared. After an interesting prelim, the top six teams that qualified for the final were as follows:

1. **KLS Gogte Institute of Technology** - Tanuj Rao & Raviraj Inchal
2. **KLE Dr. MS Sheshgiri CET** - Ashutosh A Jadhav & Darshankumar Hosamani
3. **KLS VDIT, Haliyal** - Vijeth Uday Revankar & Matiurrehman Meersayed
4. **IIIT, Dharwad** - Vishal A Ambavade & Suraj Durgesht
5. **IIT, Dharwad** - Gautam Jagdhish & Swapnik Jagarlapudi
6. **KLE Technological University, Hubli** - Namita R & Abhishek Sawant

All teams on stage soon settled down and quickly got the grasp of the format and rules and regulations. The first couple of rounds worked in favour of all teams as they built up a steady score.

Though it was a four-way tie in the initial rounds, it was a matter of time before one of them got ahead of the rest. KLSVDIT, KLS Gogte, Dr. MS and IIT kept the battle real tight with a margin of 100 points separating all of them. It eventually was a photo finish with a mere 50 points being the differentiator with KLS VDIT emerging champions in a nail-biting finale.

The Prof B.L. Desai -Registrar KLE Technological University gave away the prizes and congratulated the winners. He had high praise for the way the quiz was organized by TCS and BITES and advised students to make the most of such programs to enhance their knowledge.

**Winner:** **KLS VDIT, Haliyal** - Vijeth Uday Revankar & Matiurrehman Meersayed

**Runner up:** **IIT, Dharwad** - Gautam Jagdhish & Swapnik Jagarlapudi
The Tumkur round of the TCS Tech Bytes 2019 was held at the auditorium of Siddaganga Institute of Technology on 18th March. The preliminary round of the program witnessed great participation from students, indicating that they had come prepared for the program.

The teams who made it to the final round on stage included:

1. Atria Institute of Technology, Bangalore - Sachin Chillal & Likith Gowda
2. BMSIT, Bangalore - Shashi Singh & Adarsh Vatsa
3. JNNCE, Shimoga - Pannaga YS & Vivek V Kini
4. NMIT, Bangalore - K Soumith & N Advait
5. SVIT, Rajankunte - Anirudh MV & Abhinav Kumar Abhay
6. SIT, Tumkur - Shashank Vatsa & Rohan Jadhav

The top six teams blazed away to a great start, with some fantastic answers and the preparedness of the teams on display.

The pressure that the buzzer rounds was very well handled by all the teams, especially NMIT and BMSIT. Though they had fierce competition from NMIT and the other teams on stage it was eventually BMSIT that withstood the competition to finish off the quiz with a few questions to spare and be crowned the champions from Tumkur.

The Director of SIT - Dr. M.N. Channabasappa and Dr K.P. Shivananda – Principal SIT gave away the prizes and appreciated the efforts of the teams.

**Winner:** BMSIT, Bangalore - Shashi Singh & Adarsh Vatsa

**Runner Up:** NMIT, Bangalore - K Soumith & N Advait
Nearly 250 teams participated in the preliminary round of the TCS Tech Bytes quiz held at SJB Institute of Technology at Bangalore on 21st March. Bangalore being the last city in the route map, had teams raring to go at the prelims. The team that topped the prelim was the last year’s champion PES University. The top six teams were as follows:

1. City Engineering College - Rakshit Airani & Pratik Shandilya
2. PES University - Akhil Siddharth & Harikiran C
3. K S Inst. of Technology - Shravan Bhat & Velluvayala Rakesh
4. AMC Engineering College - Yash Baddi & Mayank Pant
5. PES Institute of Technology – Aniruddha & Ruchir Ravishankar
6. SJB Institute of Technology - L Saikiran & Adithya B

All teams kick-started their innings with gusto with teams trying to add on to the scoreboard and get into the lead. It was matter of time before PES University took total control in the buzzer round, not giving anyone a chance to catch up. They became the second team in this edition to cross the 1000 point barrier and broke the record for the highest score by finally winning the Bangalore Final with a colossal total of 1600 points.

The Principal of SJBIT, Dr. Puttaraju, gave away the prizes and appreciated the efforts of all the teams. The competitive streak that was showcased by the teams was applauded and the efforts of BITES and TCS which together support and provide such a platform for students was recognised.

**Winner:** PES University - Akhil Siddharth & Harikiran C

**Runner Up:** City Engineering College - Rakshit Airani & Pratik Shandilya
PES UNIVERSITY BANGALORE CLINCH TCS TECHBYTES STATE FINALS

A dazzling display of future ready agile minds and smart thinkers marked the 10th edition of TCS TechBytes program conducted by Tata Consultancy Services in collaboration with the Board for IT Education Standards (BITES) Govt of Karnataka. The program witnessed eager participation from 100 plus engineering colleges across the State.

Regional Rounds

Students participated in large numbers at the Regional Finals of the program conducted across six cities - Gulbarga, Dharwad, Tumkur, Mysore, Bangalore and Mangalore during early March. These were conducted at leading engineering colleges of the region. Each regional final was keenly contested and the six teams that earned their place at the State Finals were:

- NIE Institute of Technology, Mysore - Guruprasad Veerannavaru & Chandan Hegde
- NITK Surathkal - Hrishikesh Thakkar & Pratyush Prakash
- BMS Institute of Technology, Bangalore - Shashi Singh & Adarsh Vatsa
- KLS Vishwanathrao Deshpande Institute of Technology, Haliyal - Vijeth Uday Revankar & Matiurrehman Meersayed
- BLDGEA College of Engineering Technology, Vijayapura - Aatif Husain & Amogh R. Lakkanagavi
- PES University, Bangalore - Akhil Siddharth & Harikiran C

TCS TechBytes State Finals

The above finalists battled it out at the State Finals conducted at SJB Institute of Technology, Bangalore. The animation based quiz format had the following five segments – Byte Link, Byte Pixel, Byte Jumble, Byte Connect and Byte Waves. The quiz had several interesting elements built into it which prompted students to think laterally.

Some of the questions the teams tackled were: The name comes from the words “illuminate” and “data”. What is Hitachi’s advanced digital solution, services, and technology for turning data into insights to drive digital innovation called? LUMADA. World Wildlife Fund started a new file format, .wwf to help the environment. What is the unique feature of this file format? .**.WFF Files cannot be printed.**

Teams got off to a good start in the first round, with all of them scoring equally. As the quiz progressed, the better prepared ones started coming to the fore. PES University, Bangalore and NIE, Mysore led the pack in the next couple of rounds with a brilliant display of cerebral knowledge.
Both these teams were not only quick on the buzzer but also showcased their prowess with some stunning answers. With each answer keeping the audience on the edge of their seat, it was eventually the team from PES University who held their nerves in the battle of minds with a small yet comfortable margin, to emerge State Champions. The NIE Mysore team were the deserving runners-up.

The prizes were distributed to the winners by Dr. Kavi Mahesh – Director, IIIT Dharwad who was the chief guest on the occasion, along with Mr. Nagaraj Ijari – Vice President & Head TCS Bangalore Operations and Dr. K.N. Balasubramanya Murthy – Chairman BITES. The event was also graced by Mr Sunil Deshpande - Centre Head TCS Bangalore.

The champions received a glittering trophy, TCS educational scholarship of Rs 75,000/-, Smartphones, Bluetooth speakers, Fitbit bands & bags. The Runners - Up received an educational scholarship of Rs 40,000, Smartphones, Bluetooth speakers, fitness bands & bags. Teams that came 3rd, 4th, 5th & 6th also received a bag of goodies.