

## TCS TechBytes State wide IT Quiz for Engineering Colleges – Special Edition

**Prof. R. Natarajan**  
Chairman, BITES



It is very gratifying to note that “TCS TechBytes” which has entered its third year has received enthusiastic response with over 120 engineering colleges taking part in it.

As part of its student outreach program BITES has partnered with Tata Consultancy Services, Asia’s largest IT Company to organize the statewide IT Quiz open to all engineering students across Karnataka. BITES and TCS share common concerns about enhancing quality of IT Education and are collaborating to put together a Quiz program, which has received widespread admiration from students and colleges alike.

TCS TechBytes has emerged as an alternate platform distinct and different from the traditional examination system to showcase talent among students, motivating them to be more aware of the contemporary IT issues. The format of the QUIZ is designed to encourage out of box thinking among students and spur them to a new level of competitiveness.

The program has also provided opportunities for students from the hinterland of Karnataka to pit their wits against the ones from Metros. This edition of TCS TechBytes threw up many surprises with several not so well known colleges upstaging established ones and walking away with honors proving that talent is to be found everywhere and is not the prerogative of only a privileged few. It has been our constant endeavor to touch every student and motivate him to rise to his true potential through the medium of TCS TechBytes.

Our thanks to TCS and Sri N.G. Subramaniam for supporting this event as well as Ms. Shobha Murthy and her team for the meticulous planning and execution. Kudos to the Quiz Master, Giri Balasubramaniam, for the quality of questions and for his masterly conduct of the quiz, which brought the best out of the finalists and kept the audience at the edge of their seats.

We are thankful to PESIT management for providing an excellent venue for the finals and Prof. K.N.B. Murthy for supporting us with logistics.

**Shri N Ganapathy Subramaniam**  
President, TCS Financial Solutions



It is extremely heartening to witness the wonderful response to the third edition of TCS TechBytes. The support we received from BITES and the enthusiasm of students, college management and faculty of engineering institutions towards the program is truly motivating, and will spur us to raise the bar going forward.

Through the medium of a quiz, TCS TechBytes encourages participants to develop an understanding of the world of business and technology, which is changing at a fast pace.

The program aims at fostering teamwork, competitive spirit and quest for knowledge among college students, as they are the emerging generation of architects, leaders and entrepreneurs.

What is remarkable about this technology quiz is the opportunity it provides to expand one’s horizon, seek and gain knowledge, besides enhancing the lateral thinking process. All of which are attributes required to succeed in today’s global environment.

## **TCS Tech Bytes – A test of the best engineering minds**

The third edition of TCS TechBytes witnessed intense quizzing across engineering colleges in Karnataka during March & April 2012. Conducted by Tata Consultancy Services in collaboration with the Board for IT Education Standards (BITES) Govt of Karnataka, the program received an overwhelming response with over 120 engineering colleges participating in the quiz.

TCS TechBytes strives to provide a better understanding of IT to students of all streams of engineering. The program is a novel platform to integrate industry knowledge and bring students in sync with the current developments in the changing landscape of a technology intensive industry.

### **Regional Rounds**

The program was conducted in three phases. The pre-selection round was conducted in March at the college level and 10 teams were selected from each institution. These teams participated in the Regional Finals conducted in April at Gulbarga, Dharwad, Tumkur, Mysore, Bangalore and Mangalore. Each Regional Final witnessed an intense battle among the some of the best engineering colleges in Karnataka.

The six Regional Finalists who qualified for the State Finals were:

- Chaitanya K & Samarth R, NIT, Surathkal
- Prajwal RK & Roshan V. Nayak, KLESCET, Belgaum
- Rajath VS Moodithaya & Abhishek Chauhan – Sri Jayachamarajendra College of Engineering (SJCE), Mysore
- Deepak Patil BR & Basiruddin – Government Engineering College, Raichur
- Nishant Singh & Mohammed Farhaan M, East West Institute of Technology, Bangalore
- Akshath A and Himadri – BMS College of Engineering, Bangalore

### **About TCS TechBytes**

Commenting on the program, Prof. R. Natarajan, Chairman, BITES said, “We introduced this program in collaboration with TCS two years ago. This is an important initiative that enhances technology awareness among students and provides them an impetus to showcase their talent and succeed in their careers.”

According to N. Ganapathy Subramaniam, President - TCS Financial Solutions, "TCS TechBytes encourages participants to develop an understanding of the world of business and technology which is changing at a fast pace. The program aims at fostering teamwork, competitive spirit and quest for knowledge among college students, as they are the emerging generation of architects, leaders and entrepreneurs."

### **TCS TechBytes State Finals**

The six finalists battled it out at the State Finals conducted on 26<sup>th</sup> April at Bangalore at PES Institute of Technology. TCS TechBytes this year was based on the Olympics theme, with the five rounds of quizzing symbolically representing a ring from the five Olympic rings. The idea was to convey that just as Olympics is a platform for setting new benchmarks, the field of technology is also continuously setting new records, standards and benchmarks.

The five rounds at the quiz were: ‘Wider World’ on global happenings in the world of technology, followed by ‘Graphic World – a round with visual clues, ‘Defined World’ – where teams had to identify whether the definitions and statements were correct, ‘Lateral World’ – requiring lateral thinking to arrive at the answer and ‘Swifter World’ – which tested the speed with which a team could crack an answer using minimum clues.

They came, they saw, they conquered. These words would aptly describe all the teams that made it to the state final of Tech Bytes 2012, as they impressed all those present with their stunning answers and spectrum of knowledge from the world of IT.

It was a fantastic finale, which saw the Government Engineering College, Raichur cracking some tricky questions and earning the appreciation of the audience and the quizmaster. In the final round, SJCE had inched ahead with a slim margin. However the spunky NIT team gave it their all in the last lap and hit the buzzer on the final question to inch past the SJCE Mysore team, who incidentally finished State Runner-up for the third consecutive time – a unique record in itself! BMS College of Engineering, who were the defending State champions finished third this year in a final that saw new benchmarks in the level of quizzing being set. The audience enjoyed the thrilling finals hosted at a brisk pace by Giri Balasubramaniam and laced with his trademark wit.

The State Champions of TCS TechBytes – Chaitanya & Samarth from NIT, Surathkal received a glittering trophy, a handsome TCS educational scholarship of Rs 60,000/-, cell phones, iON Pendrives, Fastrack giftcards and haversacks. The Runners-up – Rajath & Abhishek, SJCE Mysore also received similar prizes and an educational scholarship of Rs 30,000. Teams that came 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> & 6<sup>th</sup> received iPods, iON pendrives, Fastrack giftcards and haversacks. Earlier at the Regional Level conducted in April, all the Regional winners had received educational scholarships of Rs 12,000/- each, besides other prizes. The Runners-up had received Rs 8,000/-.

The guest of honour, Padma Bhushan recipient Prof.V. Rajaraman of IISc, inspired the students with words of wisdom – “Keep your passion alive in everything you do as you are a generation that knows a lot. When the teams did not answer, the audience answered. To me that is indicative of the talent that exists everywhere,” he said and wished all the teams great success. VP & Head TCS Bangalore Operations Nagaraj Ijari remarked “When we started this quiz three years ago, we did not expect it to become as big as it has today. It is heartening to see the quality of these engineering students.” Prof Sonde – former Vice Chancellor of Goa University who was a special invitee also appreciated the students on their performance. Director BITES K.V. Prahalad Rao and TCS General Manager Shoba Murthy also graced the occasion.

A word of appreciation to the management of the host institutions – PES Institute of Technology – Bangalore, SIT – Tumkur, SJCE – Mysore, BVB College of Engineering & Technology – Hubli, Appa Institute of Engineering & Technology – Gulbarga and Srinivas Institute of Technology - Mangalore for their support in ensuring the success of TCS TechBytes 2012.

## **Students sparkle at TCS TechBytes Tumkur round**



The third edition of TCS TechBytes, organized for engineering students in Karnataka by Tata Consultancy Services and the Board for IT Education Standards (BITES) Govt. of Karnataka, kick-started with the Tumkur Regional Round on 9<sup>th</sup> April.

Conducted at the Siddaganga Institute of Technology, the campus was abuzz with engineering students from nearby regions converging to participate in the quiz. Students who at the college were enthusiastic volunteers, ensuring that the event went off smoothly

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The engineering students went through the motions of a written preliminary round and the top 6 teams who qualified on stage were

- Kalpataru Institute of Technology, Tiptur: Vittal R Pai and Kunal Singh
- SJCIT, Chikkaballapur: Thamme Gowda and Mukesh M
- East West Institute of Technology: Mohammed Farhaan and Nishant Singh
- Jawaharlal Nehru National College of Engineering: Krishna Patil and Sriram S
- Atria Institute of Technology: KaushikS and KG Darshan
- BMS Institute of Technology: Sarath V and Aditya Gautam

The five rounds at the quiz were: ‘Wider World’ on global happenings in the world of technology, followed by ‘Graphic World – a round with visual clues, ‘Defined World’ – where teams had to identify whether the definitions and statements were correct, ‘Lateral World’ – requiring lateral thinking to arrive at the answer and ‘Swifter World’ – which tested the speed with which a team could crack an answer using minimum clues.

The finals started with a set of questions that required the teams to work the answer out than merely recall facts. Very quickly the finalists adapted to such a format of quizzing. The East West Institute of Technology opened their account only in the second round, but soon managed to create a healthy gap between themselves and rest of the teams. With the onslaught of the buzzer rounds East West and Kalpataru Institute of Technology pulled away from the pack. With some smart answers East West kept the lead.

The final ‘Medals Tally’ at TCS Tech Bytes showcased a clear winner in East West Institute of Technology with BMS Institute of Technology moving to the Runners Up slot via a tie breaker.

Director of Siddaganga Institute of Technology (SIT), Dr. M N Chanabasappa and Principal of SIT Dr. Shivakumariah were the guests of honour, who not only enjoyed the show but also appreciated the performance of the teams and wished them well for a great future.

The Winners took home an educational scholarship of Rs.12,000, a glittering trophy and prizes from TCS, and ensured their presence at the State Finals to be held in Bangalore on 26<sup>th</sup> April 2012. The Runners-up received an educational scholarship of Rs 8000 and prizes from TCS. The teams that stood 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> & 6<sup>th</sup> received iON pendrives, haversacks, caps and Fastrack giftcards. All the participants were also given certificates.

## Gogte Institute win TCS TechBytes Hubli Regional Round



The Regional Finals at Hubli was conducted at the sprawling BVB College of Engineering & Technology on 10<sup>th</sup> April.

The teams making it to the top six were

- Prouda Devaraya Institute of Technology, Hospet: Naveen and Sharanappa
- Gogte Institute of Technology, Belgaum: Ankur Desai and Aaditya JC
- Basaveshwar Engineering College, Bagalkot: Sumit and Vinyas
- KLESCET, Belgaum: Prajwal RK and Roshan V Nayak
- G M Institute of Technology, Davangere: Devrath ND and Rajan NT
- SDM College of Engineering and Technology, Dharwad: Shrividya and Nitish

It's not over till the last ball is bowled! That phrase came alive at Hubli when Gogte Institute of Technology came from behind to pip KLESCET to the finish line at the TCS TechBytes regional final.

TCS Tech Bytes traditionally has questions which requires teams to put on their thinking caps and ensure they utilize the questions and clues to arrive at an answer. Given this premise, the finalists were up to the task and started the quiz on a firm footing. Though KLESCET had a consistent performance right through the early rounds, the buzzer rounds brought in a totally different dimension to the quiz. The calm and collective team from KLESCET unfortunately got a negative point, conceding a win to the vigilant GOGTE team.

The articulate Prof. B L Desai, Vice Principal BVB College of Engineering was the guest of honour at the Hubli Regionals. He gave away the prizes to the winners and commended the teams for their knowledge on technology.



## Government Engineering College race to victory at Gulbarga



They came, they saw and they conquered`, this line summaries the style in which the team from Govt. Engineering College stormed to victory at TCS TechBytes quiz final at Gulbarga.

A tough prelim had a lot of teams wondering if they would make it to the final. Yet the top six teams stole a march on the rest to qualify for the finals. The six finalists were as follows:

- Khaja Bandenawaj College of Engineering, Gulbarga – Feroz Baig & Vikram
- Appa Institute of Engineering & Technology, Gulbarga - Mahesh & Sachin
- Gurunanak Dev Engineering College, Bidar – Krishnendu & Kanishka Bose
- Navodaya Institute of Technology, Raichur - Aayush K & Bejay K
- BLDEA, Bijapur - Vishwa S Patil & Vinay Kumar
- Govt. Engineering College , Raichur – Basiruddin & Deepak Patil

The format of TCS Tech Bytes 2012 had been designed to ensure that teams went beyond the ‘fact friendly’ exercise and it called for a lot of attention to ensure they scored well in the first two rounds. The questions did stump several finalists leaving the teams from Appa Institute and Gurunanak Dev Engineering Colleges in an early lead.

In the next rounds, Government Engineering College (GEC) decided to pull the trigger and soon were on par by the end of Round Three. The buzzer rounds not only brought the teams on parity but also ensured GEC raced to a huge lead.

The final round was tense due to the fact that the other teams had to catch up with the huge lead that GEC had taken. The early leaders, Appa Institute and Gurunanak Dev Engineering Colleges tried hard but were unable to make amends for the negatives they took in the buzzers round, with GEC emerging comfortable winners of the TCS Tech Bytes 2012 – Gulbarga Regional Round.

Dr. Anil Kumar Bidve, Dean of the host college Appa Institute of Engineering & Technology was the guest of honor on the occasion. He congratulated all the finalists and wished them well for State Finals.

## RESULTS

- **Winner:** Govt. Engineering College – Basiruddin & Deepak Patil
- **Runner:** Gurunanak Dev Engineering College – Krishnendu & Kanishka Bose

## SJCE wins Mysore on the last lap!

A quiz with nerve wrecking moments underlined the TCS Tech Bytes, Mysore edition. It was a platform for the display of courage and patience from the two engineering students from SJCE as they withstood the onslaught from the other finalists to emerge champions in a n exciting finale at Mysore.

After the prelims the following teams made it to the finals:

- NIE, Mysore : Akshay and Ankith
- Government Engineering College, Ramanagaram: Vivek and Prasad
- Government Engineering College, Hassan: Suhas and Yogesh

- Auden Technology and Management Academy, Ramanagar: Thejaswi and Bharath
- SJCE, Mysore: Rajath and Abhishek
- Shridi Sai Engineering College: Ashwin and Mashusudhan



The teams seemed to have carved a template for themselves at TCS Tech Bytes and as per it a slow and a cautious start was the order of the day. Plenty of near misses in the initial rounds saw SJCE take an early lead followed closely by NIE and Auden.

Despite managing to open an early lead, NIE and Auden never actually gave up and kept adding to the pressure on SJCE and it looked like victory was not a certainty for any team. The final round looked like the tables could turn with one question to go and NIE just

a mere 15 points to equal the leaders, SJCE, but like a last ball win the latter gave a cracker of an answer to ensure that they won the title with a good gap between themselves and NIE.

The final ‘Medals Talliy’ @ TCS Tech Bytes, Mysore had one consistent team in SJCE who never missed their chance to score and thus took home the title of champions!

Principal of SJCE – Dr B G Sangameshwara was the guest of honour, who took great pride in congratulating his wards for making it a hattrick and also applauding the brilliant effort of all teams.

## RESULTS

- **Winner:** SJCE: Rajath and Abhishek
- **Runner:** NIE: Akshay and Ankith

## NIT Surathkal wear Mangalore Crown



Normally at the Olympics the ones who qualify with the best timings do not always win Gold! The same can be said of our Mangalore Champions, NITK, Surathkal who ensured they entered the finals with the second best score, yet were crowned champions with a comfortable margin.

Despite a thoroughly enjoyable prelim the top six teams differentiated themselves with some brilliant answers and we had the following team making it to the on stage final:

- St Josephs Engineering College, DK – Perumal and Puneet
- MIT, Kundapura: Nitish Bhat and Chetan
- Canara Engineering College, DK: Pradeep Kumar and Unnikrishnan
- NMAMIT, NITTE: V Ghanshyam and Madhu Sagar
- NITK, Surathkal: Chaitanya and Samarth
- MITE, DK: Harsha and Vinith

Though teams are meant to work questions and arrive at the interesting answers at TCS TechBytes, most teams missed the opportunity to score points and the early rounds were low scoring. Yet the round ‘Graphics World’ moved faster with teams doing extremely well and gaining precious points with some pinpoint answering.

At the end of these rounds the ‘medals tally’ showcased a four horse race building to a great finish. Though ‘Defined World’ brought out a lot of humour, teams were able to manage some quick points. With one round to go NITK had assailed a simple lead and could have been caught on the wrong foot, had MIT Kundapura launched their counter attack a round earlier. With different teams taking the spoils in the final round MIT gave it their all, yet it was too little too late and NITK, who had qualified for this quiz the first time remained on top.

The final ‘Medals Talliy’ @ TCS Tech Bytes, Mangalore showcased the power of NITK to win the title of top team and also gain the opportunity of representing their zone in the state final! The Principal of SIT, Mangalore – Dr Srinivas Maiyya was the guest of honour. He congratulated the teams on their effort and asked them not to give up and keeping working hard for the future programs.

## **RESULTS**

- **Winner:** NITK, Suratkal: Chaitanya and Samarth
- **Runner:** MIT, Kundapura: Nitish Bhat and Chetan

## **BMS conquer Bangalore Regional Finals while NIT emerge State Champs**



The Bangalore regional final was held at PESIT, Bangalore on 26<sup>th</sup> April. The prelims was a mixed bag, with some teams eager for more clues and many teams who had cracked the answers voting against it.

Eventually the teams who reached the Regional Finals were:

- Sir M. Visvesvaraya Institute of Technology, B’lore – Preetesh Shivam & Anand
- PESSE, B’lore – Amal Antony & Vikram Kamath
- JSS Academy of Technical Education – Rohit Rai P & Sameer Mohan
- BMS College of Engineering, B’lore – Akshath A & Himadri
- RV College of Engineering, B’lore – Vinaykumar M. Kolli & Vaishakh BN
- PESIT, B’lore – Uttam Bharadwaj & Sagar Niranjana

In a battle that started on an even note, all teams managed to get a healthy start. As the rounds progressed, BMSCE duo of Himadri and Akshath raced away to a comfortable lead. All the other teams did well to wrestle points with some brilliant answers, however BMSCE consolidated on the buzzer rounds to finish champions by a huge margin. RVCE did well to hold its nerve and finish ahead of PESIT as runner up.

Dr. K.N.B. Murthy Principal of PESIT congratulated all the teams and distributed the prizes.