TECHTRANSFORM 2019

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Doddaballapur Main Road, Avalahalli, Yelahanka, Bengaluru-560064.
Ph: 080-28561576 Email: principal@bmsit.in Fax: 080-28567186

A note on

TECHTRANSFORM-2019

TechTransform (Technology for Transformation of the Society) is an annual technical convention of BMSIT. The event was started in 2016-17, and this year, it is the fourth edition. The event was conceived with an objective of providing a rich opportunity for students and staff to understand and appreciate the magnitude, multiplicity and pace with which technological changes are impacting our society. Also, to kindle a fire in them to conceive, develop and deploy such technologies that aid sustainable, inclusive and equitable development.

TechTransform-2019 encourages budding engineers to exhibit their talents and demonstrate skills through hard-core technical competitions. They will get a wonderful opportunity to compete, collaborate and cooperate technologically. Every department of the institute conducts technical events specific to their discipline which are open to all students of BMIST&M to compete/participate. Thus, TechTransform-2019 has 44 department-level technical events. This is enriched by institutional-level events such as students' club activities, tech-talk by CEOs, and more importantly, Panel Discussion on '**Digital Disruption**'.

TechTransform-2019 is preceded by BMSIT "Open Day-2019" (scheduled on 4th Nov 2019) wherein as many as 400 projects done by our II and III year students will be exhibited. It may be noted that as many as 80 of them, adjudged by practitioners as the best will get recognised and rewarded with cash prizes. The top 8-10 of them will be displayed during TechTransform-2019.

Invited CEOs, serial entrepreneurs, practitioners, industry professionals and program managers will be taking part in the event to enlighten us with their rich perspectives. It is very heart-warming to note that more than 1500 students (including students from other colleges) have already registered to participate in the event. They will get an opportunity to interact with the experts and practitioners from outside and network with them. It is hoped that this small effort from the institute will go a long way in reaching the lives of many.

CONTENTS

INVITATION

BMS INSTITUTE OF TECHNOLOGY
AND MANAGEMENT
Doddaballapura Main Road, Avalahalli, Yelahanka, Bengaluru-560064
(Affiliated to VTU, Accredited by NAAC with 'A' Grade and
with 6 UG Programs & MCA Program accredited by NBA, New Delhi)

Cordially invites you to the
Inauguration of

TECHTRANSFORM - 2019

On Tuesday, the 5ᵗʰ November 2019 at 9:30 AM
in Sir M. V Auditorium, BMSIT&M Campus

Distinguished Chief Guest
Sri. Girish Hampali
Program Manager, Infosys Limited
PAN-India Income Tax Processing Program, Govt. of India

President
Sri. M. Madan Gopal, IAS (Retd.)
Chairman, BMSIT&M and BMSSA, Trustee, BMSET
Former Additional Chief Secretary, GoK

Guests of Honour
Dr. B. S. Ragini Narayan
Educationist, Chairperson
Donor Trustee & Member Secretary, BMSET

Dr. P. Dayananda Pai
Trustee, BMSET & Chairman, BOG, BMSCE
Chairman, Century Group

Sri. Aviram Sharma
Trustee, BMSET and
Chairman, BOG, BMSCCM

Smt. Savitha Reddy
CEO, InLingua, Bengaluru

Dr. Manjunath T. N.	**Dr. Mohan Babu G. N.**
Dean, External Relations	Principal

Faculty, Staff Members & Students

Program Schedule

Invocation Song	: Student
Lighting of the Lamp	: Chief Guest & Dignitaries
Welcome Address	: Dr. Manjunath T. N.
	: Dean, External Relations, Professor, Dept. of ISE, BMSIT&M
Opening Remarks	: Dr. Mohan Babu G. N.
	: Principal, BMSIT&M
Address by Chief Guest	: Sri. Girish Hampali
	: Program Manager, Infosys Limited
Address by Guests of Honour	: Dr. B. S. Ragini Narayan
	Educationist, Chairperson, Donor Trustee and Member Secretary, BMSET
	: Dr. P. Dayananda Pai
	Trustee, BMSET & Chairman BOG, BMSCE, Century Group
	: Sri. Aviram Sharma
	Trustee, BMSET Chairman, BOG, BMSCCM
	: Smt. Savitha Reddy
	CEO, InLingua, Bengaluru
Presidential Remarks	: Sri. M. Madan Gopal, IAS (Retd.)
	Trustee, BMSET and Chairman, BMSIT & BMSSA
Vote of Thanks	: Dr. H. K. Govindaraju
	Vice-Principal, BMSIT&M

National Anthem

Keynote Address by Chief Guest

PROGRAM DETAILS

SAMPLE TECHNICAL EVENTS

- Circuit Designing
- Poster presentation
- Blind coding
- Google IT
- Make it - Sell it
- Super 30, etc.

TECH-TALK BY CEO

Resource Person: Naveen P Senna
Co-Founder, Orbis Edu Services
Venue: Sir. M. V. Auditorium, BMSSA, Bengaluru
Time: 12:30 to 1:30 pm

PANEL DISCUSSION

Theme: Digital Disruption

Venue: Sir. M. V. Auditorium, BMSSA, Bengaluru

Inauguration: 3:30 to 04:30 pm

Panel Members

Mr. Adil Ghani, Founder and Managing Director
Wedoeconsult Pvt. Ltd, Bengaluru

Mr. Payal Satish, Co-Founder and Managing Partner
Explore Travel India, Bengaluru

Mr. Suryanarayanan, Start-up Evangelist and Angel Founder
Independent Consultant to NGOs/Companies

Mr. Nelson Vasanth J, Serial Entrepreneur, Ecosystem Catalyst,
CEO, Global Startup Awards – SAARC

Dr. Mohan Babu G. N., Principal, BMSIT&M
(Moderator)

CHIEF GUEST

Sri. Girish Hampali
Program Manager, Infosys Limited
PAN-India Income Tax Processing Program, Govt. of India

Girish Hampali (GH) brings with him an impressive 21-year record in Software development, Project and Program Management in the telecom domain, Pre-sales, and Service assurance for many telecom industries across globe. He spent the first three years of career as a Device driver developer and Protocol stack developer, followed by 4 years of entrepreneurship and floated a startup aimed at developing tools for music transcription. Having achieved the experience of converting a thought into product in startup, he returned into the folds of Infosys again in 2005 to be part of Pre-sales team of Engineering Unit @ Infosys to work on various pursuits that engineering unit won. Post 2008 till today, Girish has been travelling to various tier-1 Communications Service Provides across globe and has managed multiple programs, complex transitions and huge transformations at client locations at UK, Europe, Asia, Australia and New Zealand. During his tenure, GH has won many Awards and Recognitions from Client companies.

Girish is an avid traveler. His childhood friends call him corporate Nomad. He has travelled so far to 40 countries across globe. Visited most of the states in India both for work and vacations. GH also has a great deal of interest & experience in literature, writes regular columns in newspapers/tabloids, being a fluent and motivational speaker, has participated in panel discussions in various TV & Radio programs. GH loves to read, write and teach. In his personal life, Girish is married to Latha and have two kids aged 13 (Sharu) and 11 (Karna). Lives in old Bangalore with his parents, wife and kids. Girish has spoken to many young minds from different Engineering colleges in Karnataka. He does engage with young minds to instigate the thought of becoming an entrepreneur.

GUEST OF HONOUR

Savitha Reddy, CEO of Inlingua, Bangalore

Savitha Reddy has a degree in Masters in Business Administration from Mount Carmel Institute of Management. She started **inlingua** in Bangalore in the year 2005 and has been successfully managing the business for the last 15 years growing it into one of the top language training schools in India.

inlingua offers training in English, French, German, Spanish, Chinese, Mandarin, Italian and other foreign languages to corporates, colleges and retail clients. She has 3 offices in Bangalore and a team of about 40 teaching and non-teaching members.

Savitha's vision is to combine training and technology and build one of the top training organisations in the world and offer online training via virtual classrooms.

PANEL DISCUSSION

Panelists:

1. Payal Satish

She believes travel is among the top 3 growing industries, in today's world and with her experience she wants to bridge the unbridled growth in India's travel market.

She is the CO-founder and managing partner at Explorer Travel India.

She pursued her degree in B.com from Stella Maris and her MBA in marketing from Loyola institute of business administration.

With 14 years of experience in the travel field and in the commercial strategy and business development teams of global travel brands like Taj hotel resorts and palaces, Air Asia, Hertz etc, she's set out to make her mission of making travel products more accessible to Indian buyers and travellers with the help of technology.

She's also experienced in international trade and investment brands like UK trade and investment and American chamber of commerce.

2. Adil Ghani

Founder & Managing Director at Wedoeconsult Pvt.Ltd.

Certified Business Mentor.

Proprietor at Rainbow Hospitality.

Post Graduate in Marketing and Sales Management

Experience of over 30 years in Marketing & Sales

As an employee, he has held positions from Marketing Trainee to Vice-President and has worked for prestigious companies like Oracle University, SQL Star International, Aptech, The Times of India, Indian Express etc.

Served in the international markets of Singapore, the UAE and the Sultanate of OMAN

Has been Mentoring Founders of Startups in India with GINSERV and Startups Club

Has a pleasant and positive personality that combines well with his vast and varied work experience that helps Individuals and teams in achieving their goals smoothly

was featured in the Silicon India Magazine.

Education

Osmania University - B. Com with PGDMSM from A.P.P.C

Delhi school of Internet Marketing - Advanced Digital Marketing course

3. Suryanarayanan A

Over 25 years of experience in various functions in the Indian Healthcare Industry

Startup evangelist, angel funder

Specialised in financial structuring, and scaling operations

Turn around specialist with particular experience in Healthcare and Retail

Currently independent consultant to NGOs/companies for CSR under the new companies Act

Mentoring startups through the entire process of ideation, and initial operations and support during growth phase

Specialties: Strategy, Finance, Logistics, MIS & controls, Trade marks & Indirect taxes, general managementRecently elected to the governing board in TiE Bangalore chapter.

4. Mr.Nelson Vasanth

Determined and Focused oriented. Like to succeed in the life by making others to get succeed in their life.

Experience

Developer Circle Lead

Facebook Inc. Sep 2016

Operation Specialist

EMC Corporation Mar 2014 - Apr 2015

Senior Analyst

Yahoo! Apr 2012 - Jan 2014

Founder & CEO

Honey Technologies Aug 2015

Supports operations and administration of Board by advising and informing Board members, interfacing between Board and staff, and supporting Board's evaluation of chief executive 2. Program, Product and Service Delivery Oversees design, marketing, promotion, delivery and quality of programs, products and services 3. Financial, Tax, Risk and Facilities Management Recommends yearly budget for Board approval and prudently manages organization's resources within those budget guidelines according to current laws and regulations 4. Human Resource Management Effectively manages the human resources of the organization according to authorized personnel policies and procedures that fully conform to current laws and regulations 5. Community and Public Relations Assures the organization and its mission, programs, products and services are consistently presented in strong, positive image to relevant stakeholders 6. Fundraising (nonprofit-specific) Oversees fundraising planning and implementation, including identifying resource requirements, researching funding sources,

establishing strategies to approach funders, submitting proposals and administrating fundraising records and documentation

Founder & CEO
Startup Mechanics Mar 2016

Startup Mechanics was founded and is operated by serial entrepreneurs, investors, and working with people with the experience and vast international network you need to achieve your goals. Stop reinventing the wheel and realize the next big thing by realizing the maximum potential for your business idea. Startup Mechanics has team members who are experienced in setting up start-up companies, taking ideas to market, merger and acquisition, management consulting, legal services, international business, business coaching and mentoring. We provide Consulting, Mentoring and Counselling services to budding entrepreneurs to help them take their ideas and inventions to market. We help you Excel in Everything! We are offering free initial one-to-one sessions when we can discuss your business and try to find out how our services will help you succeed and grow.

TECHTRANSFORM 2019 - - - EVENTS TIME TABLE

DEPART-MENT	8:30AM-9:30AM	9:30AM - 10:30AM	10:30AM - 11:30AM	11:30AM - 12:30PM	12:30PM - 1:30PM	1:30PM-2:30PM	2:30PM - 3:30PM	3:30PM - 4:30PM	4:30PM - 5:30PM	5:30PM - 5:45PM
EEE	Tech-charades (CR 301)	INAUGURATION	J.A.M. (Seminar Hall 2nd Floor)		TECH TALK BY CEO	Circuit Designing (CR 404)	Meme-O-Maniac (CR 301)	PANEL DISCUSSION	Poster Presentation (CR405)	VALEDICTORY
ECE	Dr Fixit (CR 207)		TECHNIZ (CR 007)			MOCK PLACEMENT (Main Seminar Hall First Floor)	CIRCUIT DEBUGGING (CR 105)		Google IT (CR 105)	
ETE	TECH TABOO (CR 306)		COMPONENT HUNT (ETE Dept)			MOBOCAM (CR 305) / TECH PIE (Outside Academic Block)	BRAND TRIVIA (CR 305)		MOCK PLACEMENTS (CR 406)	
ME	Auto Quiz (PG Lab)		Make it, sell it! (CR 202)			Instagram 101 (Workshop) (2nd Floor Seminar Hall)	Mech-Charades (CR201)		Design it (CAMD Lab)	
ISE	Code Relay (ISE Lab 2)		Hackathon (ISE Lab 1) / Workshop (ISE Seminar Hall)			Best Manager (BSN CR 301) / Workshop (ISE Seminar Hall)			Reverse Coding (ISE Lab 2) / Technical Treasure hunt (BSN CR 302)	
CSE	TYPATHON (CSE Lab 2)		MOCK PLACEMENTS (BSN 401 & 402)			Code-O-Fiesta (CS Lab 2)	CODE JAM (CS Lab 1)		BLIND CODING (CS Lab 3)	
CIVIL			SUPER 3D (BSN CR 504)			Technical College (5th floor Seminar Hall BSN block)	BOB the Builder (BSN CR 503)		BOB the Builder (BSN CR 503)	
MCA	Coding and IT Quiz (MCA Lab 1)		Video Making (MCA Seminar Hall)	Stress Manager (R&D Lab)		Technical Memes (Seminar Hall) IT Hunt (MCA Dept)	Typathon (Lab 2)		Paper Presentation (MCA Semimar Hall)	
AIML			Blogging(CSE Seminar Hall)			Virtual Hunt (AIML Department)	Poster Presentation (CSE Seminar Hall)		Poster Presentation (CSE Seminar Hall)	

ELECTRICAL AND ELECTRONICS ENGINEERING

EVENTS, RULES & REGULATIONS

1. <u>TECH CHARADES</u>

Registration Fee: Rs.200

Prize Money:
First prize: Rs.1000
Second prize: Rs.500

RULES & REGULATIONS:

The team should constitute of 2-4 members.
One member of the team has to enact a given word and the other participants has to find the word. Lip movement is not allowed-only hand movement should be there.
No alphabets are to be indicated.
No objects should be indicated.

Event Co-ordinators

Faculty Co-ordinator:
Mr.Rajnikanth Ph.No. 9964312907

Student Co-ordinator:
Shringar Agarwal Ph:7384614320

2. <u>MEME O MANIAC:</u>

Registration Fee: Rs.100

Prize Money:
 1st Place: Rs.1000
2nd Place: Rs.500

RULES & REGULATIONS:

ROUNDS:
PRELIMINARY ROUND- Quiz on general technical trivia (on paper)- 25 questions of 1 point each- 10 teams to qualify.
PICTIONARY- Based on Science & Technology (on black board)- 2/3 rounds of 10 points each- 5 teams to qualify.
GUESS THE PRODUCT - Guessing the product based on the meme displayed on projector- 2/3 rounds of 10 points each.
Tie breaker would be used if necessary.

Partner is necessary for pictionary.

Mobile phones not to be used.

Paper with internet trivia questions will be provided.

Pictionary:

Both team members will participate in drawing as well as guessing pictionary.

Team members can only draw the given meme. Mouthing, gestures, talking etc to their partner is not allowed.

Guess the product:

10 seconds will be given to look at the meme following which another 60 seconds will be given to guess.

A maximum of 3 guesses allowed per meme.

If a team is unable to guess the meme, the question would be bounced to other teams for additional 5 points.

Team with the highest points marked for the third rounds wins.

Faculty Coordinator:
Mr.Ozwin D Souza Ph.No. 9845707822

Student Co-ordinator:
Shubham Raheja: 9113260456

3. **CIRCUIT DESIGNING**

Registration Fee: Rs.100

Prize Money:
1st Place: Rs.1000
2nd Place: Rs.500

RULES & REGULATIONS:

The team should constitute of 2 members.

You will be given an input with all required components and some extra components.

You will have to select necessary components and make the circuit to get the dersired output.

You will have to make the circuit in the least time possible.

You will be given a maximum time of two hours.

After completing the circuit your circuit will be tested.

Team whose circuit works correctly first will be the winner.

Faculty Coordinator:
Mr.Nagaraj D C Ph.No. 9986268672

Student Coordinator:
Deol PA   Ph.No. 9741404757

4. __TECHNICAL POSTER PRESENTATION__

Registration Fee: Rs.200
Prize Money:
1st Place: Rs.2000
 2nd Place: Rs.1000

RULES & REGULATIONS:

Team of 1-4
Topic:- Green campus.
Poster size :- A3.
Posters can be made or designed anywhere.
You will just have to present the poster at the venue.
Your posters will be judged based on technicality, creativity and relevance to technical advances in the world.

Faculty Coordinator :
 Dr Prashant A Athavale Ph.No. 94448874716

Student Co-ordinator
Pratiksha   Ph.No. 9632465295

INFORMATION SCIENCE ENGINEERING

EVENTS, RULES& REGULATIONS

1. ## REVERSE CODING

Registration amount: Rs 150/-

1st place: 1000 /-

RULES & REGULATIONS:

- Time limit for the event will be 2 hours.
- Participants are required to arrive at the event prior 10 mins, else they are on grounds for disqualification
- Use of any electronic devices other that the provisioned are grounds for disqualification
- Any decision made by the event head will be the FINAL, there will be no arguments made.
- The Event will be conducted on 2 rounds.

Student Coordinator:

Mr.Venkatesh -   Ph.No. 8660670573

2. ## HACKATHON

 Prize money :

1st Prize 1800-/

2nd Prize 1000-/

Theme : Based on TV show Mr. Robot. Teams will come together to solve various problems

RULES & REGULATIONS:

a. A set of questions will be given, whose solution has to be found.

b. The rounds will be offline, online compiler can be used but no extra usage.

c. Team of evaluation will be evaluating the solutions to problems and no arguments can be made.

d. Preferred to get their own laptops since there might be constraints in the availability of the systems in the lab.

e. Teams can be disqualified on the grounds of deviating the rules, misuse of the event platform.

f. Team whichever clears all rounds in the least amount of time will leave the event with the prize amount.

Student Coordinator:

Mr.Vishal   Ph.No. 9408304413

3. <u>CODE RELAY</u>

Prize money :

1st Prize: 1800/-

2nd Prize: 1000-/

Theme : Inspired by the relay events a team of 4 participants will compete against other teams to win the event.

RULES & REGULATIONS:

a. A person gets to solve only one problem in each round.

b. Can move on to the next problem if and only if a person completes the problem within the time limit or when the duration of problem completes, whichever is earliest.

c. Next problem will be solved by the next person of the team and so on so forth.

d. Time limit for each problem of all rounds will be disclosed before the start of event in a buffer time of 10 min.

e. Team of evaluation will be evaluating the solutions to problems and no arguments can be made.

f. Preferred to get their own laptops since there might be constraints in the availability of the systems in the lab.

g. Teams can be disqualified on the grounds of deviating the rules, misuse of the event platform.

h. A primary round of objective test may be conducted to filter out teams for 1st round   depending on the number of teams turning up for the event.

i. Team whichever clears all rounds in the least amount of time will leave the event with the prize amount.

Student Coordinator:

Mr.Yeshwanth   Ph.No: 9182436152

4. <u>BEST MANAGER</u>

Just like the show the participants will have to pitch their business models to a panel of investors and persuade them to invest money in their idea.

REGISTRATION FEES: Rs.150/-

1st prize: 1500

2nd prize: 1000

No of participants: 1

RULES & REGULATIONS:

Formals required

FIRST ROUND: BIZ QUIZ

SECOND ROUND:

In the second round, each participant will be given a product and they'll have to present a business model. Participants will have to prepare a PPT in a time slot of 20mins and present it to the judges. Presentation time should not exceed 5 mins.

Judging criteria:

- Communication
- Marketing strategy
- Creativity
- Time managment

Student Coordinator:

Ms.Jhanavi Ph.No.8762486990   Ms.Nikitha Ph.No. 9483476300

<h1 style="color:red; text-align:center">MASTER OF COMPUTER APPLICATIONS</h1>

<h1 style="text-align:center">EVENTS, RULES& REGULATIONS</h1>

1. Coding and IT quiz

Entry Fee: Rs.100

Prize Money:
First prize: Rs.1000
Second prize: Rs.500

RULES & REGULATIONS:

- Team of 2 students are allowed
- There will be 3 rounds
    - 1st round: IT quiz
        - each team will get 5 questions each
        - 10 points for direct answer
        - 5 points for passed question answer
    - 2nd round: Programming of a given pattern
        - 1 program with errors will be given with a time limit of 30 minutes
    - 3rd Round: Debugging

        1 program with errors will be given with a time limit of 30 minutes

Finally the winner and runner will be decided.

Event Co-ordinators
Faculty Co-ordinator: Mrs.Nirupama Ph.No.9686773741
Student Co-ordinator: Rohit B, Arjun U K, Manjunath   Ph:9108162059

2. Typathon:

Entry Fee: Rs.50
Prize Money:
1st Place: Rs.1000
2nd Place: Rs. 500

RULES & REGULATIONS:

- Each participant will be give with the 3 different passage.
- The average time of these will be taken.
- The top 2 fastest typing masters will be awarded.

Faculty Coordinator: Mrs.Nirupama   Ph.No.9686773741
Student Co-ordinator: Rashmi, Ph: 8762644894

3. IT Hunt:

Entry Fee: Rs.150
Prize Money:
 1st Place: Rs.1000
2nd Place: Rs. 500

RULES & REGULATIONS:
- Each team will have a maximum of 3 members
- Time of 1hour will be given with 6 clues
- The team should do the small program which will be given by the coordinator in specified place.
- Clues will be given from this they have to search the items
- The first 2 teams will be awarded

Event Co-ordinators
Faculty Co-ordinator: Mrs.Nirupama Ph.No.9686773741
Student Co-ordinator: VinnyRana, Vishal Ph:7996595120

4. Video Making:

Entry Fee: Rs.100
Prize Money:
 1st Place: Rs.1000
2nd Place: Rs. 500

RULES & REGULATIONS:
- A team of 2 will be allowed
- The participants have to shoot video of the fest.
- The entered video must be edited with video making tools
- The video must be of a maximum of 4 minutes (even one second above 4 minutes will not be allowed
- The 2 best videos will be awarded

Event Co-ordinators
Faculty Co-ordinator: Mrs.Reshma   Ph.No.9686439959
Student Co-ordinator: Surya Prakash   Ph:8892179504

5. Technical Memes:

Entry Fee: Rs.100
Prize Money:
 1st Place: Rs.1000
2nd Place: Rs. 500

RULES & REGULATIONS:

- A Team of 2 will be allowed
- Each team has to make memes of 5 different issues happening in the IT.
- The 2 best teams will be awarded.
- If the memes are downloaded from the internet, the team will be disqualified.

Event Co-ordinators
Faculty Co-ordinator: Mrs.Reshma   Ph.No.9686439959
Student Co-ordinator: Thejesvi, Murli KrishnaPh:

6. Paper Presentation

Entry Fee: Rs.100
Prize Money:
1st Place: Rs.1000
2nd Place: Rs.500

RULES & REGULATIONS:

- The paper presentation should be done solo
- The paper presentation should be based on the current technology.
- The presentation time will be of 4+2 minutes.
- The presenters has to bring the soft and hard copy of their paper

Event Co-ordinators
Faculty Co-ordinator: Mrs.Nirupama Ph.No.9686773741
Student Co-ordinator: Mamtha V, Apurva V Ph:9535452567

7. Stress Manager

Entry Fee: Rs.100
Prize Money:
1st Place: Rs.1000
2nd Place Rs.500

RULES & REGULATIONS:

- The participants will be interviewed individually by a judge constituted by the department.
- Students will be asked with stressful questions to test their patience and communication skills under a stressful situation

Event Co-ordinators
Faculty Co-ordinator: Mrs.Reshma   Ph.No.9686439959
Student Co-ordinator: Mr.Ajahai, Sunil

1. CODE-O-FIESTA

Registration Fee: Rs.150/-

RULES & REGULATIONS:

Teams are strictly expected to hand over their phones to the event managers before the event begins.

Level 1: Code Golf
In this round, participants will be given a problem statement. The teams that complete the solution in the fewest lines of code will get qualified to the next level.
Level 2: Soft-Where?
In this round, participants will be given a piece of code. The output of the code will lead you to the next clue.
The team which solves the final clue will be declared the winner.

LANGUAGES: C, C++, JAVA

Student Coordinator:
TEAM HACKSLASH, Ph.No.   7899430682

2. TYPATHON

Registration Fee: Rs.50/-

RULES & REGULATIONS:

1) The maximum amount of time allotted is two minutes only.
2) Every round a topic, for which the paragraph will be provided, will be selected by the host.
3) A competitor will be selected for the following rounds based on the criteria mentioned below:
Highest Typing Speed.Highest Accuracy.
Least number of Error Strokes.
4) The Levels are 5 and the difficulty increases with the advancement of each level. Each level has a different problem.

Student Coordinator:
Ph.No. Feras Ahmed,   Ph.No. 7022211091

3. **BLIND CODING**

Registration fee: Rs. 100/-

RULES & REGULATIONS:

A simple problem will be provided to the teams at the beginning of the event.
A4 sheets will be provided. The team members can discuss about the solution among themselves and the one designated to type will start coding. The monitors will be switched off initially. Each team can ask for switching on the monitor once per level. When a team requests for switching on the monitor, only the person who was designated for viewing will see the code.
THE LEVELS: Level 1:
A simple problem and a time of 30 mins will be given to the team.
Whichever team qualifies goes to the next level.
Level 2:
The problem difficulty will be increased and the time will be reduced to a maximum of 30 mins.
The qualifiers go to level 3.
Level 3:
The problem difficulty will be the same but the team which completes first and within 20 mins will be declared winner.
Programming Languages: C/C++/Java

Student Coordinator:
Mr.Prashanth: Ph.No. 8105747655

4. **CODE JAM**

Registration Fee: Rs.100/-

RULES & REGULATIONS:

Level 1:
Here 1 participant codes and the other participant dictates the code. The participant that dictates the code will be given a problem statement and he will have to narrate the code to the other participant without using any technical terms. Every team will be monitored by a volunteer. The narrating participant will be given only 2 warnings if they use any technical term. If they make 3 or more errors they will be disqualified from the round. This level lasts for 3 mins. All the teams whose code compiles and has no logical errors will move to the next round.
Level 2:
Here the participants are given a set of problems and riddles which they will have to

logically put together and submit the result within 5 mins. Only on submitting the correct resultant value they move onto the next round.

Level 3:

The Final level constitutes of Tech charades where participants act out the words given to them and the other participant recognizes the correct word. In case of a tie, a rapid fire round will take place between teams and the team that answers maximum number of questions in the rapid fire round will win the contest.

Student Coordinator:

Mr.Rutvi, Ph.No. 8197957033

5. **MOCK PLACEMENT**

Registration Fee: Rs.100 per head

RULES & REGULATIONS:

THE LEVELS:

Level 1:

Elimination Round

• 25 Multiple Choice Questions

→ 20 Aptitude questions

→ 5 Coding related questions

• 30 minutes

• No negative marking

Level 2:

Group Discussion

• 5 participants will take part in a discussion

• Each participant will be evaluated by a panel of three judges

• The topic for discussion will be decided by the judges

• Each participant will be evaluated on

→ Communication Skills

→ Presence of mind

→ Critical thinking ability

Level 3:

Personal Interview

• Top 5 participants from the previous rounds will qualify for this round

• Two alumni members will be taking the interviews for each candidate

• Winner will be decided by the alumni members

Student Coordinator:

Mr. Parth Chawla: Ph.No.   7509025847

MECHANICAL ENGINEERING

EVENTS, RULES& REGULATIONS

1. AUTO QUIZ

Registration Fee: Rs.150/-

RULES & REGULATIONS:

ROUND 1: Eliminator round

1. Each team gets 7 questions.

2. Each correct answer awards 10 points and 0 for wrong answer

3. Pass question carries 5 points

4. In case of tie breaker, fastest finger round will be used to decide the winner.

Top 3 teams will qualify for the final round

ROUND 2: Final round

1. Each team gets 6 questions with a time constraint.

2. Tie will be settled using fastest finger round that will consist of 5 questions.

3. The team with maximum points will be declared the winner.

Student Coordinator:

Mr.Akram and Mr.Goutham,

2. DESIGN IT!

Registration Fee: Rs.100/-

RULES & REGULATIONS:

ROUND 1

1. Machine Drawing sheets will be given, and participants will have to make the parts in 3D and assemble it such that the model is fully constrained.

2. Design software to be used is Solid Edge.

3. For 5 or less participants there will be only one round and one winner.

4. The team which completes the fastest wins

5. For greater than 5 participants, there will be 2 rounds. In the first round fastest 4 teams will be selected, and in round two there will be 1 winner.

ROUND2

1. Round 2 will be similar to round 1.

Student Coordinator:

Mr.Harshit and Mr.Nikhil,

3. <u>**MAKE IT, SELL IT!**</u>

Registration Fee: Rs.150/-

RULES & REGULATIONS:

ROUND 1

1. Participants will be provided with a few materials

2. They have to build a protective structure which can withstand various parameters.

3. Evaluation of Round 1 will be based on the outcome of the test.

ROUND 2

The participants have to convince the judges to buy the model they make.

Student Coordinator:

Mr.Eshant and Mr.Balal,   Ph.No.

4. <u>**MECH-CHARADES**</u>

Registration Fee: Rs.150/-

RULES & REGULATIONS:

-Every team must consist of 2 members only.

-Usage of internet during the event is strictly prohibited. (Any team found using phones will be disqualified).

STAGE 1:

-Two teams will be chosen randomly and they will be made to compete.

-Participants will be given 5 words. From every team one person has to enact the word and the other will guess.

-Time taken to guess every word will be noted down.

-The team which guesses the maximum number of words in the shortest time will move on to the next round.

STAGE 2:

-The teams which qualified in the 1st round will enter the 2nd round.

-This round is called 'CONNECTION'.

-Here each team will be given a few pictures with a common topic and they will have to form a connection between all these pictures.

-Tie breaker rounds will also be conducted if required.

-Time taken also will be given equal weightage.

FINAL ROUND:

-Only 2 teams qualify for the last round.

-One person from each team will be given a question. He/She has to answer the question and enact the same to their teammate.

-Both teams will be given the same question and they will be timed simultaneously.

-Whichever team answers and guesses it in the shortest time wins it.

Student Coordinator:

Mr. Prajwal and Mr. Sumanth,

5. <u>**INSTAGRAM WORKSHOP**</u>

Registration Fee: Rs.150/-

RULES & REGULATIONS:

NO RULES.

Student Coordinators:

Mr. Kanishka

ELECTRONICS AND COMMUNICATION ENGINEERING

EVENTS, RULES& REGULATIONS

1. MOCK PLACEMENT

Registration Fee: Rs.100/-.

RULES & REGULATIONS:

This event will consist of 4 rounds.

- APTITUDE TEST: Students will be examined and filtered based on their basic aptitude skills. 20 questions in 30 minutes is the slot allotted. We will be selecting top 30 students.
- GROUP DISCUSSIONS: A group of selected participants will be given with a topic of any domain. Whoever stands out in the whole crowd will move further to the next round. Around 9 people will be selected.
- TECHNICAL ROUND: The candidates will be interviewed by a technically oriented person (from industry/start up) to judge their basic technical knowledge. 5 will be selected.
- HR ROUND: Two well communicative faculty members from our college will be taking the interview of these candidates as per the criteria decided by them. Out of these 2 will be awarded.

2. TECHNIZ

Registration Fee: Rs.100/-

RULES & REGULATIONS:

First Round of the Quiz: (20-mins Time limit).

- This round consists of a few questions on the topics like General knowledge, Current affairs, Basic concepts in Science and Engineering.
- Among all the groups participated in the First Round top 8 to 10 Groups will be selected to the second Round.

Second Round of the Quiz: (20 mins Time limit)

- Questions will be asked to everyone Orally or with the help of pictures (or) Animations (or) Audio.
- The Team which has an answer should raise their hand. .A team is given 30 secs of time to answer.
- Quiz master will listen to their answer if the answer is correct appropriate points will be awarded else penalty.
- If the answer is wrong the question will be passed to the next team but with half the points of original points.

Third Round of the quiz: (Rapid Fire) (8-minutes)
Questions will be asked to each group Individually. Topics will listed ,they must select one from them. Each topic consists of suitable number of questions.

RULES & REGULATIONS:

- Each question can be either be answered or can opt for pass by the participants.
- Questions requested to pass will not be asked again.
- Penalty for wrong answers, Zero points for passed questions.
- Time taken by the each group to answer the questions will be noted.
- The team which has answered in the least time with higher points is declared as WINNER.

3. CIRCUIT DEBUGGING

Registration Fee: Rs.200/-

RULES & REGULATIONS:

- Round 1: Crossword on network reduction, current technology etc.
- Round 2: Debugging circuit. Circuit will be displayed for 30 secs and faulty circuit will be given, circuit has to be corrected. The fasted team wins.
- Round 3: Design circuit for a given problem.

4. GOOGLE IT

Registration Fee: Rs.80/-

RULES & REGULATIONS:

- There will be vague clues given related to one particular word. And the team needs to find their way with the help of google, and give the exact word or term.
- As the rounds increases, the clues will get tougher.

5. Dr. FIXIT

Registration Fee: Rs.80/-.

Description: The participants will have to solve a given real life situation.

RULES & REGULATIONS:

- Round 1: Technical based solutions for real life problems.

Participants can use internet for this round.

- Round 2: Real life problems, based on managerial skills are given and
- Round 3: The qualified people of round 2, will be given a chance to become the CEO of a company and will be given certain problems/ scenarios.
- The most innovative idea, wins!

CIVIL ENGINEERING

EVENTS, RULES& REGULATIONS

1. BOB THE BUILDER:

Registration Fee: Rs.100/-

Prize Money:
First prize: Rs.1500/-
Second prize: Rs.750/-

RULES & REGULATIONS:

- A team consists of two member.
- For each team a card sheet is given to draw bridge which they are going to make .
- For each team required amount of ice cream sticks are given,using those sticks they have to make a bridge.
- 1hr time duration is given to each team.
- Winners will be announced based on the ratio of how much weight the bridge is going to take and self weight of the bridge.
- Less weight of the bridge and more strength of the bridge will be announced as winner.

Faculty Co-ordinator:
Mrs.Shobha R Ph No:9901333533

Student Co-ordinator:
Raghavendra Galappanavar Ph:8660839508

2. TECHNICAL COLLAGE:

Registration Fee: Rs.100/-
Prize Money:
First prize: Rs.1500/-
Second prize: Rs.750/-

RULES & REGULATIONS:

1. Team shall consist of two members.
2. Theme for collage shall be given on the spot.
3. Time limit for collage making shall be 1½ hour.
4. Team must submit a one page write up on the theme of their collage, neatly written in A4 size paper, along with names of all participants and Institute.
5. No mobile or Internet means would be allowed to use at the time of Competition.
6. Only chart papers will be provided from Institute, All other material must be brought by the participants. Paper, Magazines, Glue, Scissor, Sketch Pen/colors etc. to be brought by participants.

Team may disqualify on exceeding time or deviating from the theme or unsatisfactory explanation to jury.

7. Judge's decision shall be final and abiding

Faculty Coordinator:

Prasanna G   Ph.No:994535860

Student Co-ordinator:
YAKSHA V Ph: 9591875065

3. SUPER 30:

Registration Fee: Rs.100/-
Prize Money:
First prize: Rs.1500/-
Second prize: Rs.750/-

RULES & REGULATIONS:

1.FIRST ROUND :

1) Should be able to bear minimum weight of one standard brick.

2) Should be as tall as possible.

2. FINAL/SECOND ROUND:

1) Should be able to sustain minimum weight of a standard brick.

2) Should be as tall as possible.

3) Should record a minimum time for moving within two given points.

RULES & REGULATIONS:

1. Simple stacking of books not allowed.

2. For final/second round, only top 5 teams from first round would be selected based on the total marks scored as per marking scheme.

3. Total time given to build in first round : 2 min 30 sec

4. Total time given to build in final round: 10 min

Faculty Co-ordinator:
Archana k   Ph.No:9739912739
Student Co-ordinator:
 Abhishek C Hiremath   Ph No:8310314458

ELECTRONICS AND TELECOMMUNICATION ENGINEERING

EVENTS, RULES& REGULATIONS

1. TECH TABOO

Registration Fee: 150/-

Prize Money:
First prize: Rs.1500/-
Second prize: Rs.1000/-

RULES & REGULATIONS:

1) Two teams will face each other with questions provided to them.
2) No sign language or lip sync is allowed, If seen will lead to disqualification
With the time as the criteria the winners will be finalized.

Faculty Co-ordinator:
Dr. Raju Hajare (9972700277)

Student Co-ordinator:
Sudarshan - 94822 90872   Aditya Datta - 74832 34926

2. COMPONENT HUNT

Registration Fee: Rs.150/-

Prize Money:
First prize: Rs.1500/-
Second prize: Rs.1000/-

RULES & REGULATIONS:

1) Different color cards are allotted to different teams.
2) Picking of different group color cards are not allowed.
3) The starting and the end point of the game remains the same.
4) The winners are decided based on their timings.

Faculty Co-ordinator:
Dr. Raju Hajare (9972700277)

Student Co-ordinator:
Akshatha – 8618071613   Chaitra – 9844910378

3. MOBOCAM

Registration Fee: Rs.50/-

Prize Money:

Take it all!

RULES & REGULATIONS:

1) It's an open event any number of participants can participate.
2) Theme is given on spot.
3) No level no abstraction
4) Editing is allowed.
5) Downloaded images are lead to disqualify.
6) Three pictures to be submitted with watermarks as names, time and location on it.

Faculty Co-ordinator:
Dr. Raju Hajare (9972700277)

Student Co-ordinator:
Pranav K Bhat - 91138 25102
M Sree Karan - 91135 42468

4. MOCK PLACEMENTS

Registration Fee: Rs.100/-

Prize Money:
First prize: Rs.1500/-

RULES & REGULATIONS:

Aptitude round:

1) Discussions are not allowed.
2) Use of electronic devices is prohibited.
3) Choosing multiple answers is not allowed.

Group Discussion: 1) Use of vulgar words.

2) Argument with the fellow participants is not allowed.

Faculty Co-ordinator:
Mrs. Saritha .I .G (9916128329)

Student Co-ordinator:
Gana - 72591 17806   Gagana - 81231 18572

5. BRAND TRIVIA

Registration Fee: Rs.150/-

Prize Money:
First prize: Rs.1500/-
Second prize: Rs.1000/-

RULES & REGULATIONS:

1) Each team will consist of 3 members.
2) 2) The number of rounds will be based on the participation which is completely based on brands logos, slogans and achievements.
3) For round 1 each team are going to get 10 questions. For every correct answer 10 pts ,pass question 5 pts. For round 1 a set of questions will be given.
4) For round 2, Moto's will be given or some picture of the co-founder will be shown and they have to guess the brand.
5) Using various sources for the solutions is prohibited.

Faculty Co-ordinator:
Mrs. Saritha .I .G (9916128329)

Student Co-ordinator:
Deepak – 9740098118   Abhilash - 90575 47433

6. TECH PIE

Registration Fee: Rs.50/-

RULES & REGULATIONS:

1) Discussions of the answers are not allowed.
2) Revealing of questions is not allowed.
3) Different sets of questions are not prepared.

Faculty Co-ordinator:
Mrs. Saritha .I .G (9916128329)

Student Co-ordinator:
Madhura - 73380 68151
Meghana - 91485 68008

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

VISION AND MISSION

VISION

To emerge as one of the finest technical institutions of higher learning, to develop engineering professionals who are technically competent, ethical and environment friendly for betterment of the society.

MISSION

Accomplish stimulating learning environment through high quality academic instruction, innovation and industry-institute interface.