

GTU TECHFEST 2016
Marwadi Education Foundation's Group of Institutions

Department of Mathematics

29/02/2016

Report on Non Tech events organised by Department of Mathematics in
GTU TECHFEST-2016

Sudoku, **EMC²** (Engineers of Math Challenge Competition) and **M³** (Mind, Magic & Mystery) were events in GTU TECHFEST 2016 held by **Department of Mathematics**, MEFGI. The events were a grand success, wherein a total of more than 300 participants took part from MEFGI (225 participants) and various other colleges (75) from all over Saurashtra Region. Every participant showed huge enthusiasm and all the events were managed amiably and brilliantly.

Brief introduction of Events and Schedule:

Events held on Day 1 of TECHFEST.

On the first day (26th Feb. 16) of TECHFEST the events held were **SUDOKU** and **M³** (Mind, Magic & Mystery).....

1. SUDOKU

Sudoku is a Japanese fun puzzle game. It requires the player to fill in the 9x9 square grids with the numbers one to nine. The numbers should be arranged in such a way that each row, column and mini-grid contains one of each number. For solving the Sudoku, "You don't have to come to it with any sort of knowledge beforehand — it's not like a crossword where you have to know trivia. It's a puzzle that **exercises your brain** by getting you to **think logically** about how to place numbers in boxes within a grid. A "good" Sudoku puzzle has only **one** solution and a **single error** in a Sudoku throws the whole **game out**.

The objective of the event was to build students' critical thinking skills and confidence in their abilities to complete challenging tasks. Students showcased their extraordinary talent by participating in Sudoku competition making the atmosphere pleasant. The Sudoku-solving skill of contestants was tested through the regular CLASSICAL Sudoku as well as different Sudoku variations like ODD EVEN, DIGONAL and IRREGULAR Sudoku in different rounds.

2. M³ (Mind, Magic & Mystery) Maths Poster Exhibition

The aim of exhibition to explores the many wonders and uses the mathematics in our lives. This exhibition was divided into different areas focusing on different aspects of mathematics.

A series of posters that promote appreciation and understanding of the role mathematics plays in science, nature; technology and human culture were displayed under one roof. Students presented their innovative thinking through fascinating posters with relevant examples rather than lengthy versions. It was encouraging to see the how Maths is related to our day to day life. The event was conducted in MA204 class room.

Events held on Day 2 of TECHFEST.

The second day (27th Feb.) of the TECHFEST was started with the quiz based event **EMC²....**

3. **EMC²**

The prime motive of this event was “Eliminating the fear of Mathematics and creating a passion for the subject”. This event was conducted for teams of up to two persons in multiple rounds. There were 3 Rounds – each comprising of either a quiz/puzzle/test based on general knowledge and technical concepts based on mathematics. At the end of each round, lowest performing teams were eliminated. The event was conducted in MA202, MA203 Classes.

It was a great success with overwhelming students’ participation in all events. The winners and runner up of all the events were encouraged with merit certificate and cash prizes.

Followings are the list of winners.

S.NO	EVENT NAME	Position	Name of Student	COLLEGE NAME	ENROLMENT NO
1	SUDOKU	WINNER	BHAVIK ADROJA	MEFGI	130570111002
		RUNNER UP	YASH RAIYANI	MEFGI	130970109124
2	M ³	WINNER	ISHA HAKANI	MEFGI	151160107015
		RUNNER UP	DOLLY POOJARA	MEFGI	150570107028
3	EMC ²	WINNER (TEAM)	RAHUL DUDHREJIYA RAICHURA METHILESH	GEC RAJKOT	150200107033 150200107091
		1 st RUNNER UP	SAGAR RAISINGHANIA ANKIT RAMANI	MEFGI	130570119099 130570119109
		2 nd RUNNER UP	RAJDEEP BHATT PARTH BHATT	MEFGI	140570109053 140970119075

Dr. Sarang Panday, Dean (PG Studies & Research), **Dr. J.C. Prajapati** HOD, Department of Mathematics and **Prof Rajesh Mahle**, HOD, Department of Instrumentation and Control were the distinguished guests to deliver prizes for winners and runner up of event and give their valuable suggestions to the students for conducting and participating in the events with high morale and cordial relations. Student convener **Ms Purva Rajvir** proposed the vote of thanks.

All the events were coordinated by our first year students **Mr. Deval Koradiya, Mr. Vinit Ghelani , Ms. Isha Hakani** and **Ms. Prachi Shah**. The events were well supervised and directed by **Prof. Asmabanu Rajavada, Prof. Abir Bhattacharya & Prof. Rahul Makwana**.

Department feels proud to organize such a successful events and would like to convey thanks to Management of MEFGI, Director, Deans, Registrar, HODs and TECHFEST Central Committee for their timely advice and cooperation for organizing successful events.

Finally not to forget, students of MEFGI also deserve thanks for contributed their complete efforts and participation for making events in GTU TECHFEST a great success.

Attendance summary of Events

S. No	Event	Entry	Registration		Total Students Registered	Present		Total Students Present
1	Sudoku	Individual	143		488	95		304
2	EMC2	Team (2)	104	122		80	94	
		Individual (1)	18			14		
3	M3	Individual	119			35		

[Subhanshu Goyal]

Event Coordinator
Department of Mathematics

Following faculty and students were actively involved in all events.

S.No	Activity/Responsibility	Faculty	Students involved
1	Overall Event Co-ordination	Dr. J.C. Prajapati Mr. Subhanshu Goyal	
2.	Sudoku (Faculty Coordinator)	Ms. Asmabanu Rajavada	Kanaksinh Jadeja Purva Rajvir Deval Koradiya Vaibhav Savariya Nishit Radhanpura
3	EMC ² (Faculty Coordinator)	Mr. Abir Bhattacharya	Mahul Mangukiya Bhavin Mandani Nilesh Solanki Shailesh Rathod Maulik Hirapara
4	M ³ (Faculty Coordinator)	Mr. Rahul Makwana	Parth Davada Akash parikh Moyun Sherasiya Disha Nakum Isha Hakani
5	Poster & Certificates' Designing		Deval Koradiya
6	Poster & Certificates Printing		Deval Koradiya
7	Anchoring		Ms. Purva Rajvir Ms Disha Nakum Prachi Shah
8	Seating arrangement and decoration		Prachi Shah Vaibhav Savariya Dimple Khakhariya
9	Campaigning		Dimple Khakhariya Nishit Radhanpura Vishal Parikh Bansuri Goswami Utshav Bhalala Vinit Ghelani Moyun Sherasiya Uttam Rathod
10	Evaluation of Performances		Dimple Khakhariya Vinit Ghelani
11	Discipline		Kanaksinh Jadeja Deval Koradiya Moyun Sherasiya
12	Help Desk		Deval Koradiya Vinit Ghelani Uttam Rathod Utshav Bhalala