

MATHEMATICS CLUB

Activities conducted during the academic year 2017-18

S. No	Name of the Event	Resource Person if any	Date(s)	No. of Participants
1	Guest Lecture on "Linear Algebra and Applications"	Dr. N. Kishore Kumar, Assistant Professor, BITS, Hyderabad	17-11-2017	200
2	Quiz	-	04-01-2018	97
3	Geethanjali Cube Open 2018 in association with Deccan Cubing Organization	-	21-01-2018	180
4	Rubik's Cube Workshop by Deccan Cubing Organization	-	05-03-2018 and 06-03-2018	267
5	Alfamatica 2k18(Mathematica-2k18)	Dr. M. Hari Prasad, Professor, EFL University	09-03-2018	231

Guest Lecture

A guest lecture titled "Linear Algebra and Applications" was organized on 17th November, 2017 by Mathematics Club of Freshman Engineering Department, for the benefit of B.Tech I year students. Eminent speaker Dr. N. Kishore Kumar, Assistant Professor in BITS, Hyderabad, delivered the guest lecture.

He introduced the fundamentals of Matrices and its properties and discussed applications of matrices in singular valued decomposition, imaging and photography. He explained various applications of ordinary differential equations. He also highlighted the real life applications of Linear algebra.

200 students of various branches of engineering attended the lecture. Feedback forms were also collected from the students who attended the guest lecture.

Quiz

To commemorate "The man of Mathematics-Sri Srinivasa Ramanujan", a Quiz was conducted on 4th January, 2018, in the Seminar Hall, Block-2 from 2 pm to 3 pm for B.Tech I year students and for II and III year B.Tech students it was held from 3 pm to 4 pm.

90 students from I year and 7 students from II and III year participated in the competition.

All mathematics faculty rendered their services for the smooth conduct of the Quiz. The HoD (FE), Dr. G. Neeraja Rani was the Convenor and Dr.V.S. Triveni was the Co-convenor for the Quiz program.

The program was a successful venture as the B.Tech I year students participated enthusiastically. The winners received merit certificate.

Winners List

S. No.	Roll no.	Name of the Student	Branch	Prize
1	17R11A04K9	Ch. SaiYashwanth Reddy	I ECE	First Prize
2	15R11A03A1	R. Anoop	III ME	
3	15R11A0381	K. Vinay Siddhartha	III ME	
4	17R11A05L2	G. Sahitya Kirani	I CSE	Second Prize
5	17R11A0469	K. Sahithi	I ECE	
6	16R11A05P0	K. Srihari	II CSE	



Workshop

Rubik's Cube workshop was conducted on 5th and 6th March, 2018 for B.Tech I year students. Mr. Akula Pavan Kumar, Founder-Deccan Cubing, Delegate-WCA, Mr. M. Vivek Prasad and U. Kanishkar conducted the workshop in two sessions, each session was for 3 hours. Dr. G. Neeraja Rani was the Convener and Dr. V.S. Triveni was the Co-convener.

In the first session, first level of solving the cube was taught and in the second session, second and third levels were taught.

267 students participated in the workshop. The sessions were very interactive and the students participated very enthusiastically. The feedback forms from the students were collected. Each student was handed a Rubik's Cube as a token of appreciation along with participation certificate.



Cube Competition

Mathematics Club along with Center of Innovation & Creativity in association with Deccan Cubing Organization conducted cube competition titled, “Geethanjali Cube Open -2018” on 21st January, 2018 in the seminar hall, Block-2. 180 members participated in the event. Dr.V.S.Triveni and Mr.N.Chandrankanth were the faculty coordinators. Prizes were distributed to the winners.



Alfamatica 2k18

ALFAMATICA 2k18, the tenth prestigious student lead annual event was conducted on 09-03-2018 from 9.40 am to 5.00 pm. The event was conducted to create a platform for inter-collegiate participation and encourage students to improve their literary and mathematical skills entitled ALFABETICA and MATHEMATICA respectively. The Chief Patron of ALFAMATICA was Sri G.R.Ravinder Reddy, Patron-Dr. S. Udaya Kumar and Convener-Dr.G.Neeraja Rani, Faculty Coordinators-Dr.A.Uma Devi and Dr.V.S.Triveni.

MATHEMATICA is a mathematical event which includes mathematical puzzles, quiz and exciting mind games. Five events were conducted in the Seminar Hall, Block-2. Majority of the events had three rounds. The events are **Sudoku, Math Housie, Matho Mania, Mind Sparkz** and **Convivial Math**.

The events were organized by the students with the guidance of faculty coordinators and judged by Dr. K. Sasank Mouli, Professor, DRK Engineering College. Each event was allotted 60 minutes time and around 100 students participated in each event. 231 students registered for the events. The winners were selected by the Judge. The events were quite interacting, analytical, logical, mathematical skill based and problem-solving activities.

The chief guest for the valedictory function Dr .M. Hari Prasad, Professor, EFL University inspired students with his speech. Dr. G. Neeraja Rani, HoD of Freshman Engineering Department, addressed the gathering and congratulated the prize winners. Principal, Dr. S. Udaya Kumar assured the students with many more progressive events in the college.

S. No	Date	Event	No. of participants
1	09-03-2018	Mind Sparkz	100
2	09-03-2018	Math Housie	109
3	09-03-2018	Math O Mania	62
4	09-03-2018	Convival Math	64
5	09-03-2018	Sudoku	87



Winners List

Event	Prize	Name of The Winner	College
Mind Sparkz	First Prize	Ch. V S.Prasanth	GCET
	Second Prize	P. Naveen Kumar	GCET
Math Housie	First Prize	M. Bhavya	GCET
	Second Prize	M. Karthik	GCET
Math O Mania	First Prize	J. Kranthi Kiran	GCET
	Second Prize	D. Keethi	GCET
Convival Math	First Prize	Pratyusha	OU
		Ambika	GCET
	Second Prize	P. Raghu	GCET
		M. Vikas	GCET
Sudoku	First Prize	Ch. Nagesh	GCET
	Second Prize	J. Kranthi Kiran	GCET