

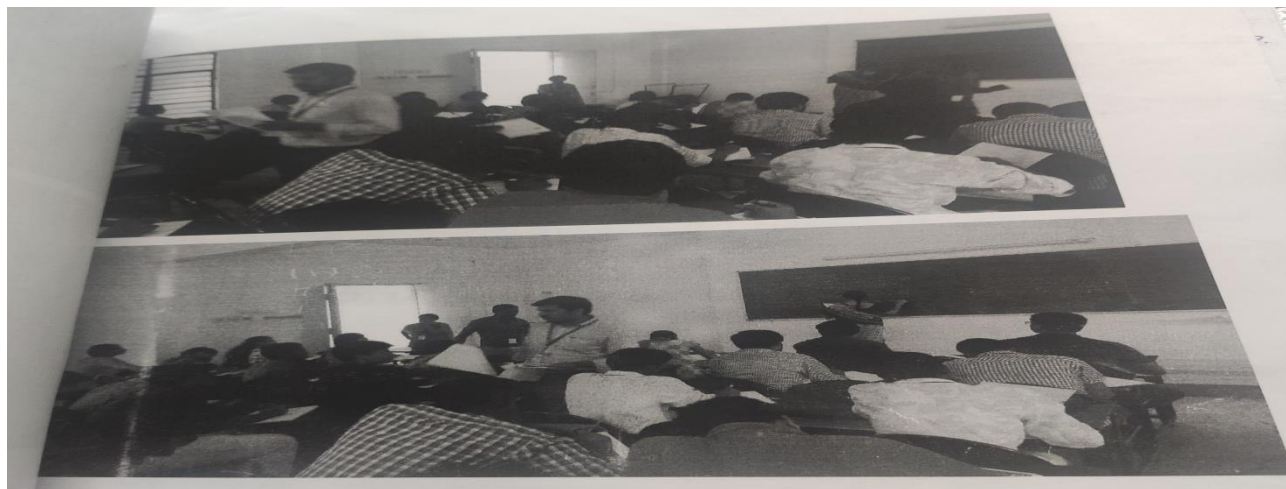
## MATHEMATICS CLUB

### Activities conducted during the academic year 2018-19

S. No	Name of the Event	Resource Person if any	Date(s)	No. of Participants
1	Puzzles Solving	-	18-08-2018	39
2	Geethanjali Monsoon Cube Open-2018	-	25-08-2018 and 26-08-2018	60
3	Sudoku Solving	-	01-09-2018	6
4	Quiz on Aptitude and Logical Reasoning	-	27-10-2018	7
5	Guest Lecture on "Importance and Role of Mathematics in Engineering Streams"	Dr. Addepalli Ramu, Professor, Department of Mathematics, BITS, Hyderabad	15-11-2018	198
6	Quiz Competition	-	07-01-2019	179
7	Geethanjali Cube Open-2019	-	26-01-2019 and 27-01-2019	70
8	Alfematica-2k19(Mathematica-2k19)	Dr. S. Mohan Raj, Professor of English, EFLU(Retd.)	08-03-2019	151
9	Faculty Development Programme on "Actuarial Statistics"	Dr. Vijay Venkat Kumar, Mr. Sudheer Raj, Mr. G. Srimanarayana, IIRM	30-04-2019 to 06-05-2019	12

Mathematics club organized the following events for B.Tech I year students for one hour in Block-2 to enhance their problem solving techniques, aptitude and logical skills.

S. No	Date	Event	No. of Participants
1	18-08-2018	<b>Puzzles Solving</b>	39
2	01-09-2018	<b>Sudoku Solving</b>	6
3	27-10-2018	<b>Quiz</b>	7



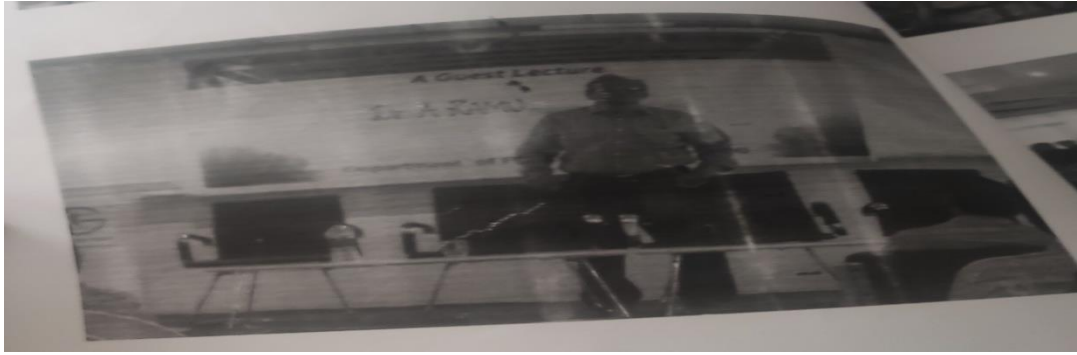
### **Guest Lecture**

A guest lecture titled “Importance and Role of Mathematics in Engineering Streams” was organized on 15<sup>th</sup> November, 2018 by Mathematics club of FE department for the benefit of B.Tech I year students. Eminent speaker Prof A. Ramu, Department of Mathematics, BITS, Hyderabad, delivered the guest lecture.

He introduced the basics of mathematics and its importance in real life and also shown various examples to improve mathematical skills. He introduced the fundamentals of Matrices and discussed various applications of matrices in the engineering field. He explained the importance of differential equations and also highlighted the real-life applications of differential equations.

In the interactive session, he asked the students to solve different types of questions that enriched their knowledge. He also suggested several books for reference for better understanding of the concepts.

198 students attended the session from 10.00 am to 11.30 am. Feedback forms were collected from the students who attended the guest lecture.



## **Events**

Mathematics Club in association with “World Cube Association and Deccan Cubing Organization” conducted inter-collegiate Cube competitions “Geethanjali Monsoon Cube Open 2018” and “Geethanjali Cube Open 2019” in the Seminar Hall, Block-2.

The Geethanjali Monsoon Cube Open 2018 started from 9:00 am to 6:00 pm on 25<sup>th</sup> August and 26<sup>th</sup> August, 2018 and the prize distribution was on 26<sup>th</sup> August at 5:30 pm.

The Geethanjali Cube Open 2019 started from 9:00 am to 5:00 pm on 26<sup>th</sup> January and 27<sup>th</sup> January, 2019 and the prize distribution was on 27<sup>th</sup> January at 4:30 pm.

S. No.	Name of the Event	Date	No. of Participants
1	Geethanjali Monsoon Cube Open 2018 in association with World Cube Association and Deccan Cubing Organization	25-08-2018 26-08-2018	60
2	Geethanjali Cube Open 2019 in association with World Cube Association and Deccan Cubing Organization	26-01-2019 27-01-2019	70



## Quiz

The Mathematics Club conducted a Quiz competition to commemorate “The man of Mathematics- **Sri Srinivasa Ramanujan**” on 7<sup>th</sup> January, 2019. The Quiz was conducted in the Seminar Hall, Block – 2, from 2:30 pm to 3:30 pm for I year B.Tech students.

179 students from all the branches of B.Tech I year participated in the competition.

All the Mathematics Faculty members 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. Participation certificates were given to all the participants. The winners were given Merit certificates.

### **Winner list**

<b>S. No.</b>	<b>H. No.</b>	<b>Name of the Student</b>	<b>Prize</b>
1	18R11A0115	D. Udaya Sri	First Prize
2	18R11A0344	P. Surya Teja	Second Prize
3	18R11A0468	Bharadwaj Sharma	Third Prize
4	18R11A05D1	P. Sumanth	Third Prize
5	18R11A04B9	P. Kavya	Third Prize





## ALFAMATICA 2k19

**ALFAMATICA 2k19**, the tenth prestigious student lead annual event was conducted on 08-03-2019 from 9.40 am to 3.00 pm by the Department of Freshman Engineering at Geethanjali College of Engineering and Technology. 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 at Seminar Hall, Block-II. Majority of the events had three rounds. The events conducted were **O Math Amet, Mathema, Sudoriferous, Monster Math, Trig Troupe**.

The events were organized by the students under the guidance of faculty coordinators. The events were judged by Dr. Shyam Kumar, Professor, Department of Mechanical Engineering, GCET and Dr. P. Harish, Associate Professor, Department of Electrical and Electronics Engineering, GCET. Each event was allotted 60 minutes time and 151 students registered for the event. The winners were selected by the Judge. The events were quite interactive, analytical, logical, mathematical skill based and problem-solving activities.

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

<b>Mathematica 2k19</b>			
<b>S. No</b>	<b>Date</b>	<b>Event</b>	<b>No. of participants</b>
1	8/3/2019	<b>O Math Amet</b>	60
2	8/3/2019	<b>Mathema</b>	56
3	8/3/2019	<b>Sudoriferous</b>	46
4	8/3/2019	<b>Monster Math</b>	37
5	8/3/2019	<b>Trig Troupe</b>	27



### Winners List

Event	Prize	Name of The Winner	College
<b>O Math Amet</b>	First Prize	N.S.S Rohit	GCET
	Second Prize	D. Manoj	GCET
	Consolation Prize	P. Jeeva	SRIIT
<b>Mathema</b>	First Prize	Dinesh M. Matai	GCET
	Second Prize	P. Jeeva	SRIIT
<b>Sudoriferous</b>	First Prize	J. Neeraj	GCET
	Second Prize	P. Anil Kumar	GCET
	Consolation Prize	G. Akhila	GCET
<b>Monster Math</b>	First Prize	Sai Megana	GCET
	Second Prize	P. Praharsha	GCET
<b>Trig Troupe</b>	First Prize	B. Deekshitha Reddy	GCET
	Second Prize	D. Udaya Sree	GCET

### **FDP**

Faculty Development Programme on “Actuarial Statistics” from 30<sup>th</sup> April to 6<sup>th</sup> May, 2019 in the Seminar Hall, Block-2 from 9:00 am to 3:00 pm.

On 30<sup>th</sup> April, 2019, Dr. Vijay Venkat Kumar explained the Basics of Finance, Security Market and Insurance interest rates of Financial Mathematics. On 1<sup>st</sup> May, 2019, Mr. Sudheer Raj explained in detail about cash flow, Present value, Future value and Accumulated value with examples. On 2<sup>nd</sup> May, 2019, Mr. Sudheer Raj explained about different types of Annuities. On 3<sup>rd</sup> May, 2019, Mr. Srimanarayana briefly introduced sample space, random variable and probability of success, failure, discrete and continuous distributions, expectation and variance, sample distribution. On 4<sup>th</sup> May, 2019, Mr. Sudheer Raj delivered brief lecture on Life insurance and premium which covered different types of insurances in both discrete and continuous medium. On 6<sup>th</sup> May, 2019, Mr. Sudheer Raj addressed on deferred assurance contract which consists of variance present value, claim acceleration approximation, life annuity, net premium reserves (pro and retro) and gross premium. The instructors of the FDP were felicitated on 6<sup>th</sup> May, 2019.

S. No.	Date	Topic	Resource Person	Target Group
1	30-04-2019 to 06-05-2019	Actuarial Statistics	Dr. Vijay Venkat Kumar Mr. Sudheer Raj Mr. Srimanarayana, IIRM	Mathematics and MBA faculty members

