Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

Presented By

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

&

DEPARTMENT OF INFORMATION TECHNOLOGY

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY

IN ASSOCIATION WITH
TECHNOLOGY AND
INNOVATION CELL

KERNEL '19

ANNUAL TECH FEST

ORGANIZED BY
DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING

17th August 2019

Registration Fee: 40/-
per head for any event

Faculty Coordinator: B. Padma Vijetha Dev
Student Coordinator: Aditya 9247335943

xkernel.griet.ac.in

Introduction

- The X-Kernel event in GRIET with its refreshing and innovative technical ideas and is to be organized in each Department.
- It is an Annual Technical Event being organized by the Department of Computer Science and Engineering Department of Information Technology.
- It will host a pool of technical contests/competitions that enthrall the budding Engineers to test their mettle and enhance their skills to emerge out as fine professionals in their domain.
- Its objective is to encourage the young and vibrant engineers in developing their instant problem-solving skills and sharing innovative solutions for some of the common issues and problems.
- It encourages participation from different Engineering Disciplines.
- The event is a fine blend of practical skill development and innovative thinking along with fun that makes it enthusiastic for the participants.

Gokaraju Rangaraju Institute of Engineering and Technology

Department of Computer Science and Engineering

Technology and Innovation Cell

Report

The **x-KERNEL** event is an annual technical event hosted by Gokaraju Ranga Raju Institute of Engineering & Technology. It hosts a pool of technical contests/competitions that enthral the budding engineers to test their mettle and enhance their skills to emerge out as fine professionals in their domain. Its objective is to encourage the young and vibrant engineers in developing their instant problem-solving skills and sharing innovative solutions for some of the common issues and problems. It encourages participation from different engineering disciplines. The event is a fine blend of practical skill development and innovative thinking along with fun that makes it enthusiastic for the participants.

This year the event was organized on 17th of august 2019 by the Department of Computer Science and Engineering in association with Technology and Innovation cell under the supervision of Dr. K. Madhavi, Professor & Head CSE, Dr. Y.J. Nagendra Kumar, Dean Technology and Innovation Cell, Ms. B.Padma Vijetha Dev, Coordinator, x-Kernel and Mr. P. Srikar, Student Coordinator.

Over 1100 students stepped out from various engineering disciplines to participate in this fellowship event. With motivation from over 50 Events, an organizing committee of approximately 100 student organizers and a Faculty Coordinator from each Department and the cooperation from all the participants, it turned out to be a great success.

The event witnessed active participation from the Department of Information Technology, Department of Electrical and Electronics Engineering, Department of Civil Engineering, Department of Mechanical Engineering, Department of Electronics and Communication Engineering and Department of Basic Sciences.

Dr. K. Madhavi
HOD- CSE

Dr. Y. J. Nagendra Kumar
Dean-Technology and Innovation Cell

B. Padma Vijetha Dev
Coordinator x- Kernel 19

GokarajuRangaraju Institute of Engineering and Technology

Department of Computer Science and Engineering

Technology and Innovation Cell

Faculty and Student Coordinators

Department	Faculty Coordinator	Student Coordinator
Computer Science and Engineering	**B.PadmaVijetha Dev**	**P.Srikar**
Electronics and Communication Engineering	**Y.Priyanka**	**Vijaya Lakshmi**
Electrical and Electronics Engineering	**R.Anil Kumar**	**Shashank**
Information Technology	**Bharathi**	**Mahesh**
Mechanical Engineering	**L.Gopinath**	**V.Sahas Prince**
Civil Engineering	**T.Srikanth**	**P.Dinesh**

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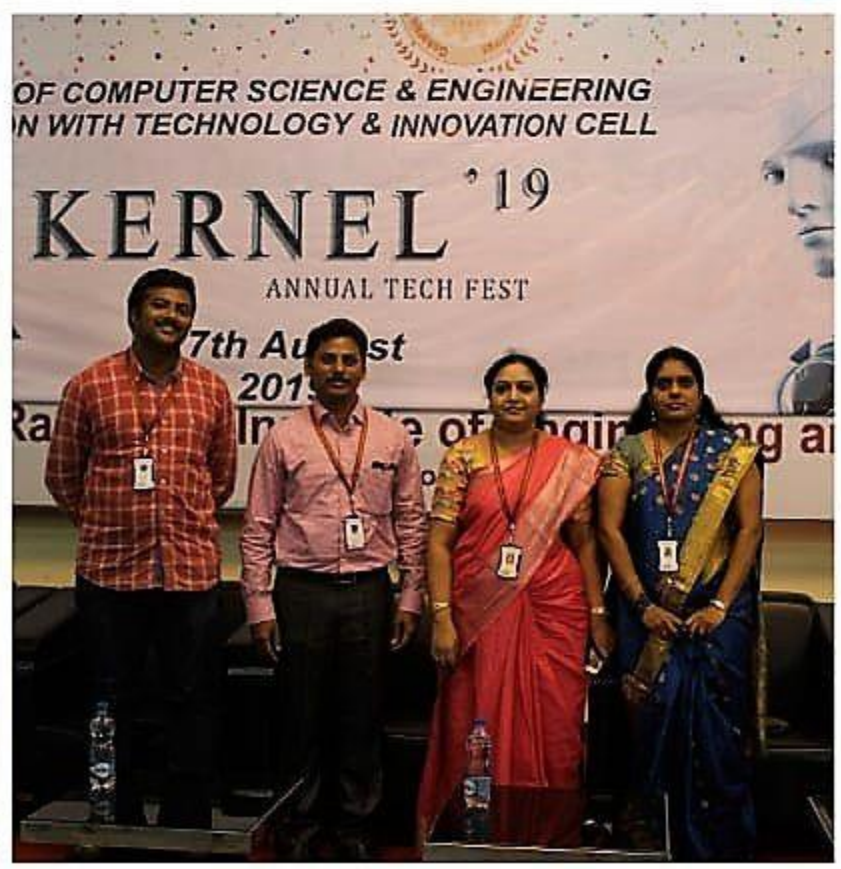

CSE DEPARTMENT
KERNEL
WELCOME

16 08 2019

16 08 2019

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Gokaraju Rangaraju Institute of Engineering & Technology
Griet
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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KERNEL '19
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17th August
2019
Gokaraju Rangaraju Institute of Engineering and Technol
(Autonomous)
tc

Mind Optimiszers

Roll the ball with code

tech " c "ross

"C" Treasure

buzis "c" ness

"c" the battle

FFF

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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16 08 2019

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Department of Information Technology

In Association with

Technology and Innovation Cell

S No	Name of the Event	Organizer Name	Mobile Number	Mai ID	Shirt Size
1	IT Quiz	Madhuri Ratnam	8187820995	madhuriratnam2000@gmail.com	L
		C Varshitha	9573938468	varshitha.c106@gmail.com	L
2	Mind Optimizers	B.Chaitanya Kumar	9398687178	kumarchaitanya094@gmail.com	XL
		N.Sagarika	9333377799	sagarika.2731@gmail.com	M
3	CodiGo	Anudeep Dhavaleshwarapu	8074431924	anudeepd2@gmail.com	M
		Umakanth Sahu	9059866717	umaksahu@gmail.com	XL
4	C' the Battle	Akunuri Roshini	7661038766		S
		Gayatri Devi	7997096492		M
5	Roll the Ball with code	B.Srikrishna	7288952860	nanibadisa999@gmail.com	L
		D.Mahesh	7799337559	maheshmye1999@gmail.com	M
6	FFF (Faster Finger First)	Badri Komma	7288952860	badrikomma00@gmail.com	L
		D.Bhaskar Reddy	9177031913	dbhaskarreddy22@gmail.com	M
7	Tech 'C' ross	G.Manikanta	9381465007	manikantagolla2000@gmail.com	L
		D.Akhil Kumar	8919506275	akhilkumar.didige@gmail.com	M
8	Buis 'C' ness	Bhaskarani Sravya	9494211233	sravyabhaskarani01@gmail.com	XL
		Kandikattu Venkata Sai Nikitha	9948326595	kvsniki31@gmail.com	XL
9	Open Gates	S.Sai Sreya	9966623237	honeysreya2s@gmail.com	S
		D.Karthik	7981430282	dvskarthik0824@gmail.com	M
10	CodeXpert	D.L.Prasanna	8978026408	lprasanna.duvvuri@gmail.com	XL
		V.Varsha	9381722686	rangalavarshareddy@gmail.com	M
11	C Treasure	M.Meghana Reddy	8186870368	mandameghanareddy2001@gmail.com	S
		P.Shravya	6303181104		S
12	ASCII Game	P Sampath	9704431099	saisampathpotluri@gmail.com	S
		P Aasrith	7093500000	asrith2000@gmail.com	XL

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S No	Name of the Event	Organizer Name	Mobile Number	Mai ID	Shirt Size
1	CTF	SRIKAR	8790433377	srikarpasula9@gmail.com	M
2	PENTAQUE	Vaddi Mounica	7680846469	mounicaraovaddi@gmail.com	L
		Chavva Keerthana	9133520732	chavvakeerthana1234@gmail.com	L
3	App Zone	J.Sri Vardhani	7036227974	j.srivardhani99@gmail.com	S
		M. Shreya	7730012583	sheryamagham@gmail.com	S
4	JUMBLE CODE	Sowmya Nekkanti	8919678053	sowmyanekkanti10@gmail.com	M
		Pulaparti Hari chandana	8309318613	pulpartichandu00@gmail.com	S
5	CODE MOJITO	ABHISHEK BHANDWALKAR	7702137907	b.abhishek2912@gmail.com	XL
		ADITYA	9247335943	adi.adityamj@gmail.com	XL
6	PICKODE	NIKHIL	9515335189		M
		YASWANTH	6303987562		M
7	CODESHOT	Saketh	9494198996		XL
		Ankush	9502089116		L
8	REVERSE CODING	Rahul	9581871841		L
9	ADZAP	Akshitha			M
		Amrutha			S
10	KAHOOT	SREENITH	8501069819		XL
		KARTHIK	7032700109		L
11	X-CERTIFY	Sai Raja	8019412012	srg20012000@gmail.com	L
12	CONDITION CODING	AJAY			L
13	MOBILE PANEL	RAKESH REDDY	8978627878		M
		BHARDWAJ	9652793357		M

Gokaraju Rangaraju Institute of Engineering and Technology

Department of Electrical & Electronics Engineering

In Association with

Technology and Innovation Cell

S No	Name of the Event	Organizer Name	Mobile Number	Mai ID	Shirt Size
1	Preeety EEEasy	P Jatin	9948177988	pamujatin@gmail.com	XL
		Mohammed Danish Umer	8328293967	danishumer999@gmail.com	XL
2	Circuit Designing	Veneela.T	9515255266	veneelachowdary24@gmail.com	M
		B Varshini	9390404532	reddyvarshini73@gmail.com	S
3	Futorology	Kavi Krishna Chaitanya	8074712373	knskc02999@gmail.com	XL
		B. SAI ROHITH	7989018148	itsrohith2@gmail.com	L
4	Ex-Quiz Me	G Haritha	7893895664	galiharitha7@gmail.com	M
		K Sree Amrutha Valli	9492400253	ammannaksav2001@gmail.com	L
5	Maquette	K . Vinitha	9908612319	kurakulavinitha2001@gmail.com	S
		Koyalkar Ramya	8790549925	ramyakoyalkar14@gmail.com	S
6	Maze Runner	Abhignya Rajapu	6309084456	abhignyarajapu@gmail.com	L
		M. Sai Anuraag	9985355646	anuraagcricket2001@gmail.com	S
7	Buzz Wire	A. Sanjana	9849554658	sanjanaakula026@gmail.com	M
		M.Praneetha	8919095468	praneethamanchikanti2001@gmail.com	S
8	Table Hockey	Ch Adarsh	9849743236	chadarsh98@gmail.com	M
		M Sai Hrithik reddy	9989376363	hrithikreddy2000@gmail.com	M
9	Cryptics	Shivasree Gyajangi	9704248628	gyajangisudhakar@gmail.com	M
		Shetty.Tejaswini	7013889522	tejaswinishetty634@gmail.com	L
10	Guess Who?	V.Dineesha chowdary	9949111899	dineesha752@gmail.com	L
		Sai Venkat Reddy	6303681895	saivenkatreddy812@gmail.com	M
11	Find the Infinity Stones	N. Paul Sam	8125380601	paulsam456@gmail.com	M
		M.Anudeep Reddy	8367010623	anudeepreddy804@gmail.com	L
12	Letter Hunt	Srivalli Majji	9849994012	ssrivalli13@gmail.com	L
		SLESHA REDDY	7659856917	reddysleshaaa@gmail.com	M

Gokaraju Rangaraju Institute of Engineering and Technology

Department of Electronics and Communication Engineering

In Association with

Technology and Innovation Cell

S No	Name of the Event	Organizer Name	Mobile Number	Mai ID	Shirt Size
1	Quizzer	suhas	9492034855	krishnamrajug5@gmail.com	M
		meghana	9441697234	potturimeghanavarma@gmail.com	S
2	Tech Tambola	Prathyusha	9492928716	saipratyushalaxmi@gmail.com	L
		Pavani	6305472161	budigapavani2000@gmail.com	L
3	Treasure hunt	Shivani	9573759269	shivanipathi2@gmail.com	M
		Keerthi	9381817014	Keerthimom5984@gmail.com	L
4	E-jam	Syed samiudin	9381442367	syedsamiu70@gmail.com	L
		Sumanth	9381335252	pabbasumanth1811@gmail.com	M
5	Fastest Finger First	Rohit	7032229167	rohitsai10720@gmail.com	L
		Kirshnamithra	7993638376	Krishnamithra09@gmail.com	XL
6	Act out yourself	Nikhil	9948869092	nikhilnarlal527@gmail.com	L
		loveteja	8919927237	aloveteja27@gmail.com	M
7	Zero The Hero	Chandana	89194 30709	ravipatichandanachowdary@gmail.com	M
		Ramya	97012 49086	b.ramya.bollineni@gmail.com	M

Gokaraju Rangaraju Institute of Engineering and Technology

Department of Information Technology

Technology and Innovation Cell

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ANNUAL TECH FEST

ASKME ASCII

3 Rounds based on only ASCII TYPE Problems
Difficulty- 2.5/5
Contact: SAMPATH 9704431099
Scan below QR code for more information

SCAN ME

CodiGo

Scan me

3 Rounds: Crypt-Your-Mind, Blind Coding, & Give the Output
Difficulty- 3.5/5
Contact: Umakanth 9059866717
Scan the above QR code for more information

HOD – IT: Dr. K. Prasanna Lakshmi

Faculty Coordinator: Ms. P. Bharathi

Dept of IT

Dean Technology and Innovation Cell: Dr. Y. J. Nagendra Kumar

Student Coordinator: Mr. Mahesh Jain (95020 22425)

Gokaraju Rangaraju Institute of Engineering and Technology

Department of Information Technology

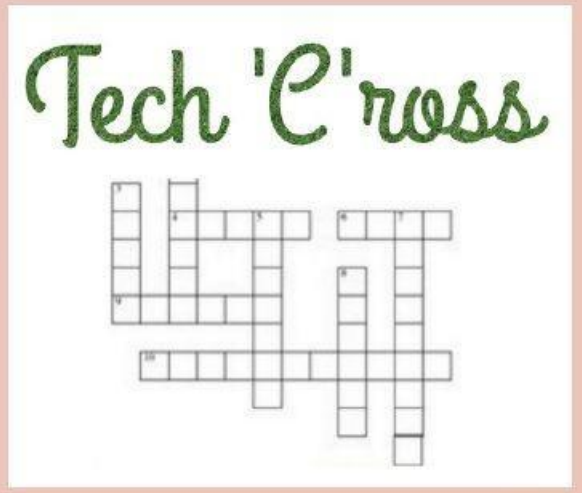
Technology and Innovation Cell

Presents

KERNEL '19
ANNUAL TECH FEST

17th Aug

8978026408



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17th Aug

The Battle
7997096492

ASKME
ASCII
9704431099

9177031913

CodiGo
9059866717

HOD – IT: Dr. K. Prasanna Lakshmi

Faculty Coordinator: Ms. P. Bharathi

Dean Technology and Innovation Cell: Dr. Y. J. Nagendra Kumar

Student Coordinator: Mr. Mahesh Jain (95020 22425)

Gokaraju Rangaraju Institute of Engineering and Technology

Department of Civil Engineering

Technology and Innovation Cell

Presents

KERNEL '19
ANNUAL TECH FEST

speedo CAD

17th August 2019

CONCRETE MANIA

Student Organizer
K. JAGANNATH REDDY 9573226852

Student Organizer
SK. LIYAK ASHRAF 8978506606
P. DINESH 9542895534

HOD – CIVIL : Dr. V. Mallikarjuna Reddy
Faculty Coordinator : Mr. T. Srikanth

Dean Technology and Innovation Cell : Dr. Y. J. Nagendra Kumar
Student Coordinator : K. JAGANNATH REDDY

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS

TECHNOLOGY AND INNOVATION CELL

Presents

KERNEL '19

ANNUAL TECH FEST

17 AUGUST

CIRCUIT DESIGNING
+91 9515255266

FIND THE INFINITY STONES
+91 8367010623

BUZZ WIRE
+91 9849554658

EX-QUIZ ME
+91 7893895664

CRYPTICS
+91 9704248628

MAQUETTE
+91 9908612319

HOD – EEE: DR. J. SRIDEVI
FACULTY COORDINATOR: MR. R ANIL KUMAR

DEAN TECHNOLOGY AND INNOVATION CELL: DR. Y. J. NAGENDRA KUMAR
STUDENT COORDINATOR: PN SHASHANK (+91 8331851851)

Add a little bit of body text

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS

TECHNOLOGY AND INNOVATION CELL

Presents

KERNEL '19

ANNUAL TECH FEST

17 AUGUST

LETTER HUNT
+91 7659856917

MAZE RUNNER
+91 6309084456

TABLE HOCKEY
+91 9849743236

GUESS WHO?
+91 6303681895

PREEETY EEEASY
+91 9948177988

FUTUROLOGY
+91 8074712373

HOD – EEE: DR. J. SRIDEVI

FACULTY COORDINATOR: MR. R ANIL KUMAR

DEAN TECHNOLOGY AND INNOVATION CELL: DR. Y. J. NAGENDRA KUMAR

STUDENT COORDINATOR: PN SHASHANK (+91 8331851851)

Add a little bit of body text

x-Kernel Events Description

Department of CSE

App Zone

PLAN OF ACTION: Here is a platform for people who are really interested in developing apps, App zone doesn't require any app development or coding skills. All that we need is ideas, sketches, and papers. All you need to do is presentation where you describe the functionality of the app, the main idea and the result. During this presentation you can propose the estimated investment and estimated profit.

ROUND1: In this round you can give your own plan of action about your idea**.**
ROUND 2: You'll be given a situation or a problem and you'll have to give your plan of action regarding this situation.

WINNER DECISION: Winner will be awarded with a merit certificate and an exciting gift. Participants will get their participation certificate.

REGISTRATION FEE: 40/- (per head) 80/-(per team) A team consists of 2 people.

DETAILS OF ORGANIZERS:

NAME: J.Sri Vardhani

Ph. no. : 7036227974

Email: j.srivardhani99@gmail.com

Name: M. Shreya

Ph. No. : 7730012583

Email: sheryamagham@gmail.com

Year and Section: 3rd year, CSE-C

JUMBLE CODE

Plan of action: it's an interesting game which test you coding skills. The team consists of two persons. You will be given a set of programs in jumbled order. You need to arrange them in the right order before the timer ends.

Round 1: a set of basic programs will be given each program will be displayed for 2 min.

Round 2: a set of complex programs will be given.

Winner declaration: The winner will awarded with a merit certificate. Participants will be given a participation certificate.

Registration fee: ₹40 per head. ₹80 per team. A team consists of 2 members.

Details of organizers:

Name: Sowmya Nekkanti

Ph. No.: 8919678053

Email: sowmyanekkanti10@gmail.com

Name: Pulaparti Hari chandana

Ph. No.: 8309318613

Email: pulpartichandu00@gmail.com

Year and Section: 3 rd year CSE-c

PENTAQUE

Plan of action: It's just a funny and coding game called PENTAQUE. This is similar to a game which we had played in our childhood called Snake and ladders. As we know that if there are 2 people then first person will get a chance to throw a die and then second person. There will be two contestants in each team. A code will be given to contestants then u need to decode it, who decodes it first then that will get a chance to throw the die. There will be 2 rounds

Round1: An easy code was given to the contestants in this round

Round2: A complex code was given to the contestants compared to round 1

Winner decision: winner will be awarded with a merit certificate and a surprising gift.

Participants will also get a participant certificate

Registration fee: 40rs (per head), 80rs (per team)

Team consists of 2 people

Details of organizer:

Name: Vaddi Mounica

Ph. No.: 7680846469

Email: mounicaraovaddi@gmail.com

Name: Chavva Keerthana

Ph. No.: 9133520732

Email:chavvakeerthana1234@gmail.com

Year & section: 3rd year, CSE-B

Mobile panel

PLAN OF ACTION: It is a platform for the people who are interested in mobiles to show their talent. All u need to know is some basic knowledge about recently released mobiles. The event consists of three rounds of quiz. Each round the difficulty level increases.

ROUND 1: In this round, you should answer to some easy questions about mobile models and so…

ROUND 2: In this round, there is a kahoot about mobile parts and technology.
ROUND 3: In this round, you need to use all your skills to win the round, because it is a difficult to answer. This is the round where you can score more than the above two rounds.

WINNER DECISION: Winner will be awarded with a merit certificate and a surprise gift. Participants will get their participation certificate.

REGISTRATION FEE: 40/- (per head) :80/-(per team) A team consists of 2 people.

DETAILS OF ORGANIZERS:

Name:S Bharadwaj

Ph. No.: 9652793347

Email:savanbharadwaj379@gmail.com

Name: Dontireddy Sai Rakesh Reddy

Ph. No.: 8978627878

Email:rakeshreddyd56@gmail.com

Year and Section: 2 nd year, CSE D.

ADZAP:

Plan of action: here is a platform for people where you can form as a group and will be able to display your ad creating talent

ADZAP: Here's an amazing platform where you as a group will be able to display your ad creative talent. You should perform it in the form of role play/skit for about 2-3 min this includes level of coordination between the partners

Round 1: In this round you can perform an advertisement on a product of your choice

Round 2: You will be given a product and will be asked to advertise

Winner Decision: Winner will be awarded with a merit certificate and an exciting gift

Participants: They will get their participation certificate

Registration Fee: 40/- per Head 80/- per Team

A team consist of two people

Details of Organizers:

Name: B.Amrutha

Ph. No.: 8074911338

Email: amrutharaob2000@gmail.com

Name: A.akshitha

Ph. No.: 7981222073

Email:akshithaavire@gmail.com

Year and Section: 3rd Year CSE C

Department of IT

Event 1

C TREASURE

TARGETED AUDIENCE:

Anyone who can code in C language

PLAN OF ACTION:

About game is, that challenges players with coding puzzles. the proposed game transposes the scheme of TREASURE Hunt game into a mixed reality game, where players must physically move to get advanced in the game, while at the same time interacting with the organizers at through an online messaging system.

STAGES OF GAME:

STAGE1 : the team (2 members max)will be given a hint to reach the first clue ...they can reach the first clue only when they decode the given c program
STAGE 2 : once they crack the code the next hint will be sent inorder to reach the next level ...and this continues until they decode 5 c programs ....
STAGE3 : and finally they have to send the pic of their last clue to the organizers or respect mentors ..and does it first wins

REGISTRATION COST: 40/-

PER TEAM: 2 members

DETAILS OF ORGANISERS:

NAME: M.Meghana AReddy (18241A12F7) IT-C
Contact no: 8186870368

NAME: P.Shravya (18241A12G5)
Contact no: 6303181104

EVENT 2

['C' the Battle]

Plan of Action:

- Participants should be a teams of 2(individuals are not allowed) .
- A set of envelops will be given to the participants in which they have to choose 1envelop.
- In that envelope a 'c' program code will be written in slips.
- Participants have to arrange that shuffled programs slips in order.
- While arranging the program they will find some missing code in that.
- To find that missing code, they will be given a clue(c-program).The output of the clue is a room.
- Participants have to find the hidden slip and have to insert at the missing place in the program code.
- The fastest one will be declared as winner.

Details of Organisers:

1) Gayatri Devi

Roll no.:18241A1218

Section and year: IT-A , 2nd year

Ph no.:7661038766

Email-id:gayatridevi14102000@gmail.com

2) Akunuri Roshini

Roll no.:18241A1203

Section and year: IT-A, 2nd year

Ph no.:79 9709 6492

Email:ankunuri.roshini@Gmail.com

EVENT 3

OPEN GATES

Number of participants: 2 per team.

A dice and coin will be given to each team. Every dice face is associated with a logic gate and every coin will have head as 1 or tail as 0 or vice versa. Then the dice is to be thrown thrice so we get three gates and coin 4 times so that 4 inputs are obtained. The output of first and second gates are the inputs for the third gate. The three gates are to be arranged in such a way that, the 1st input of 2nd gate is the final output. The team who gets the output in minimum time is the winner!!

Registration fee: 40/- per team

Resources : Dices(5), coins(5), A4 Sheets, pens.

Organisers:

S.Sai Sreya (18241A12B0)

D.Karthik(18241A1275)

EVENT 4

Mind Optimizers

Targeted Audience: 2nd and 3rd year students.

Plan of Action:

-->The game consists of teams of 2 players.

-->Each team will be given, encrypted form of alphabets.

-->Then in each round we ask them to decode a word in to the encrypted form.

-->After 5 rounds we will calculate the score.

-->The number of rounds, way of organising game will be arranged spontaneously on the day.

For Example:

A=$

E=@

P={

L=;

Now we will ask to form encrypted form of word APPLE.

Therefore the correct answer is:

${{;@

-->There is also a bonus Quiz round.

Winner Decision:The team with leading score after all rounds is the ultimate winner.

Registration Cost: 80 per team (40 per head).

Details of Organisers: B. Chaitanya Kumar & D.Varshini Reddy

[Contact Number]:9398687178,9333377799

[Year & Section]: 2nd year IT-B.

EVENT 5

Code 'X'pert

Target audience : Anyone who can code in C language.

Plan of action :

This game is of two rounds where your basics in C language will be tested .It is a fun filled activity where you intellects can expand your horizons.So,to begin with ...

-→Round 1 :

1.You will be provided with a particular code inwhich the lines of code will be shuffled .

2.You need to rearrange them properly so that they make appropriate code.

3.Once you guess the code,you will have to guess for which question the code would have been and then write the output.

4.The teams who write the code first, will be qualified to next level.

-→Round 2 :

1.You should challenge your pals with toughest questions in number series.Likewise,your competitors will challenge you.

2.You should take the challenge,crack the logic and write the code using that logic .Your code's output should reveal the answer.

3.The one who finishes the code in minimum time ,wins !

Registration cost : 40 per team of 2.

Details of organisers :

Name : D.L.Prasanna R.no : 18241A12E1 Contact no. :8978026408

Name : V.Varsha R.no : 18241A12H6 Contact no. :9381722686

EVENT 6

Tech 'C'ross

Targeted Audience:people who are good at c programming

Plan of Action:

- This event consists of 2 Rounds.
- People who got selected in round 1 will be promoted to round 2.

Round-1:

※ An empty cross word puzzle will be given to each team.

※Sufficient time will be given to fill the puzzle.

※ Participants should use the given questions to fill the puzzle.

Rules:

★Each team should consist of atmost two members.

★The teams who fills the more no.of words will be qualified to Round2.

Round-2:

★Round 2 will be same as Round 1 with more complexity and less time.

Winner Decision:

★The first team who finishes Round 2 will be the Winners.

★The second team who finishes Round 2 will be the Runners.

★In case of tie,the timing will be cosidered.

Registration Cost:

40 rupees per head.

Details of Organizer: [Name1]:G.Manikanta

[Name2]:D.Akhil kumar

[Contact Numbers]:9381465007,

8919506275

[Year & Section]: || year IT C

EVENT 7

CodiGo

- Team of two can participate.
- 1st round: 2 simple C programs are given to be solved.
- 2nd Round: 1 Simple C program with errors are given to solve.
- 3rd Round: A C program is given where the team has to trace the output on a paper.

Event Organisers:

Umakanth Sahu (18241A1259)- 9059866717

Email: umaksahu@gmail.com

Dhavaleswarapu Anudeep (18241A1215) - 8074431924

Email: anudeepd2@gmail.com

EVENT 8

IT QUIZ

Target Audience: II year & III year Students

Plan of Action:

IT Quiz can be arranged for students to increase their technical knowledge. The several colleges and institutions can come and form a team and compete with each other. The mentor will prepare a set of questions for the participants and the team with highest score can be the winner. This could actually fun as well as productive for the students to increase the knowledge.

Winner Decision: The participants of the team with highest score can be the winner.

Registration Cost: 40/- per head

Details of the Organisers:

Name:Madhuri Ratnam Gadde

Mobile:8187820995

Branch & Sec:III-A IT

Name:C Varshitha

Mobile:9573938468

Branch& Sec:III IT A

EVENT 9

ASK ME ASCII

ROUND 1 -- ASCII TO SIMPLE STRINGS CONVERSION

EXAMPLE -- Ascii code is *given* , they need to convert it to string.

ASCII -- 071 082 073 069 084 032 073 083 032 073 078 032 066 065 067 072 085 080 065 076 076 089

ANSWER IN STRING-- GRIET IS IN BACHUPALLY

NOTE: TOP 4(FASTEST) GOES TO ROUND 2.

ROUND 2--REVERSE OF ROUND 1 (CONVERSION OF A STRING TO ASCII)

EXAMPLE -- STRING IS GIVEN:

THIS IS A GAME

ANSWER IN ASCII: 084 072 073 083 032 073 083 032 065 032 071 065 077 069

NOTE: TOP 2 GOES TO FINAL ROUND

FINAL ROUND—STRING IS JUMBLED AND THEN GIVEN IN ASCII CODE , FINAL ANSWER SHOULD BE ARRANGED IN CORRECT ORDER TO FRAME MEANINGFUL SENTENCE AND IT SHOULD BE CONVERTED INTO ASCII AGAIN.

EXAMPLE -- ASCII CODE IS: 067 079 069 077 032 076 071 079 065

STRING FOR JUMBLED ASCII- COEM LGOA

ARRANGED STRING -COOL GAME

CORRECT ORDER OF ASCII- 067 079 079 076 032 071 065 077 069

NOTE -FASTEST OF THE TWO IS THE WINNER.

EVENT 10

FASTEST FINGER FIRST (FFF)

Target Audience: I, II & III Year students**.**

Plan of Action:

Our game is a quiz based upon C language. Participants need to download an app named "kahoot".Questions based on C programme are projected on the screen(MCQs).Options will appear in participants mobile.10 Questions will be asked with a time limit of 20 seconds per each question.

Whoever stands first in the leader board are winners.

Registration Cost: 40/-(per head)

Details of the Organisers:

Name: Badri Komma

Contact: 7288952860

Year & Sec: II IT-C

Name: D Bhaskar Reddy

Contact: 9177031913

Year & Sec: II IT-C

EVENT 11

ROLL THE BALL WITH CODE

Target Audience: I, II & III Year Students

Plan of Action:

Our game is to select two teams from the teams which are participating. Each team consists of two people. In a box,there are some codes.Each team pick a code randomly and solve it.When they solve it they get a chance to solve the puzzle.For each correct answers we will give one or two moves based on the toughness of puzzle.Whoever solve it in least time,they will be the winners.

Registration Cost: 40/- (per team)

Details of Organisers:

Name: B Sri Krishna ,D Mahesh

Contact: 7288952860,7799337559

Year & section: II Year IT_C

EVENT 12

BUIS 'C' NESS

Target Audience: Anyone who learns coding while playing.

Plan of Action:

This event consists of 3 rounds.

First Round: Build your Domicile

In this round the participants will have to play a business game where they will be given only two rounds from the starting point. When u land at a particular place on the board, you have to answer a question to buy your domicile. The person who buys more property is the winner. Questions would be related to C. Winners are qualified to round 2.

Second Round: Twin it Up

In this round each member will be given 4 cards where you need to form a pair of 2 having same number. The person who finishes the game first will have extra time as an advantage

to answer the question. The others will be revealed the question a while later. The person who attempts the question accuarately in the given time is winner.

Third round: Hunt your Query

This is the final round where u will have to find Ur question in a chit that is hidden in box full of questions. Every question will be given equal time. The luckiest of the lot will be the titled the 'Winner of Buis'C'ness'.

Registration cost: 40/- per individual.

Details of organisers:

Name: Bhaskarani Sravya

Rno: 18241A12D2

Pno: 9494211233

Name: Kandikattu Venkata Sai Nikitha

Rno: 18241A12E8

Pno:. 9948326595

Department of ECE

Event 1

TECH CANASTA

This is same as tambola we play, but the numbers in the tickets are replaced by the answers of technical and logical questions (these questions would be common to all branches of engineering). The questions will be displayed on the screen only for 40 seconds. They have to answer the questions and cancel the answer of the same in their ticket. First housie will be winner, and the second housie will be the runner.

Participants will get a Participation certificate.

Team consists of 1 person.

Details of organizers:

Name: Laxmi gouri naga Sai Prathyusha-9492928716-II B-Tech ECE-D.

Email: saipratyushalaxmi@gmail.com

Name: B. Pavani-6305472161- II B-Tech ECE-D

Email: budigapavani2000@gmail.com

Event 2

KODE HUNT

This will be a Technical event where the participants would be given technical questions which will have clues, by which they should get final answer. A maximum of 3 rounds would be there to trace the treasure. Those answered group will be given first and second most answered will be runner.

Team consists of 2 people.

Details of organizers:

Name: P. Shivani-9573759269-II B. Tech ECE-D
Email: shivanipathi2@gmail.com
Name: K. Keerthi-9381817014-II B. Tech ECE-D
Email: keerthimom5984@gmail.com

Event 3

E-JAM

This event consists of 2 rounds.

Round 1:

Participants should randomly pick one chit which consists of technical information (i.e. cyber security etc.) and they have to browse the required information for 5 minutes. After that, the contest starts, and top 5 members will be promoted to round 2

Round 2: selected 5 participants will be given a question and allowed to discuss among themselves. Participant who does the best in group discussion will be the winner.
Team consists of 1 person

Details of organizers:

Name: Syed samiudin-9381442367- II B. Tech ECE-D
Email: syedsamiu70@gmail.com
Name: P.Sumanth-9381335252- II B. Tech ECE-D
Email: pabbasumanth1811@gmail.com

Event 4

FASTEST FINGER FIRST

The participants will be provided with Laptops and the components required for the output code will also be provided. The participant should get the output with more accuracy in less time.

Participant with Fastest accurate output will be declared as winner.
Team consists of 1member.

Details of organizers:

Name: P.Rohit Sai-7032229167- II B. Tech ECE-D
Email: rohitsai10720@gmail.com
Name: Krishna Mithra-7993638376- II B. Tech ECE-D
Email: krishnamithra09@gmail.com

Event 5

ACT OUT YOURSELF

The participant will be blind folded and he/she needs to select any 4 components (e.g. resistor, capacitor etc.) from the given box. He/she should guess the component.

For every correct guess +1 point will be awarded and for every wrong guess minus point will be deducted. This will be conducted as the first round in the event. The participants with more points will be qualified to the second round. In this round they should explain about the components for at least for 1 minute what they have selected previously.

Participant who has given more information in less time will be declared as the winner.

Team consists of 1 person.

Details of organizers:

Name: N. Nikhil-9948869092- II B. Tech ECE-D

Email: nikhilnarlal527@gmail.com

Name: A. loveteja-8919927237- II B. Tech ECE-D

Email: aloveteja27@gmail.com

Event 6

QUIZZER

This same as usual quiz, there will be 3 rounds. Questions in the quiz will be completely technical. Students will be filtered on the basis of points and also there will be streak points, if a team has scored 3 questions correctly in a row then they will be given bonus points.

Round 1: Passing round and will be given points.

Round 2: Buzzer round

Round 3: Combinations of both rounds.

After all the filtrations of all 3 round, we will announce the first winner and runner.
Team consists of 1 person.

Details of organizers:

Name: Krishnama raju-9492034855-II B. Tech ECE-D
Email: krishnamarjug5@gmail.com
Name: Phani surya Chowdary-: 9705205074-III B. Tech ECE-F
Emaid:phanisurya45@gmail.com

Event 7

ZERO THE HERO

In this event each participant will get ten cards. Participant have to make zero cards by solving the given technical puzzles and questions.

There will be a total of 7 questions.

For each correct answer they loss 2 cards. For unattempt answer 0 cards. For wrong answer they get one card extra. Questions are based on logical reasoning and arranging the pieces of papers in a correct manner.

who left with zero cards finally considered as winners.

Team consists of 1 person.

Details of organizers:

Name: R.L.S. Chandana-8919430709-III B-Tech ECE(E)
Email: ravipatichandanachowdary@gmail.com
Name: B. Ramya-9701249086-III B-Tech ECE (E).
Email: b.ramya.bollineni@gmail.com

Student Coordinator:

Name: M.Vijaya Lakshmi
Contact Number: 7660922765
Email: vijjupss04@gmail.com
Year & Section: III B-Tech ECE (F).

Department of EEE

Event 1

PREEETY EEEASY

Round I: Contestants will have to randomly pick a task. Tasks are pretty simple, but awfully twisted! BASIC ELECTRIC CIRCUITS consisting of resistors, diodes and a voltage source will be there in the task. The contestants need to show the respective practical output.

Round II: Next round can fetch you more 50 points if you have got the theoretic values and calculations right !

Round III: Extra points for SMART WORK . (All the ELECTRICAL COMPONENTS will be provided at the venue,including DMM's)

Registration Cost: [Rs.50/- per head]

Details of Organizer:

[Name]: Danish Umar(8328293967) ,P Jatin(99481 77988)

Event 2

CIRCUIT DESIGNING

Round I: Contestants will be asked a few basic questions on electric components and based on their answers they will be awarded with points

Round II: Now they are supposed to design a practical circuit using the components given by the team and based on their speed and the components they have used they will awarded with points

Registration Cost: [Rs.40/- per head]

Details of Organizer:

[Name]: T Veneela(9515255266),B Varshini Reddy(93904 04532)

Event 3

FUTUROLOGY

The participants will be provided with videos related to futuristic ideas and technologies and will be asked general questions about the shown video.
GK questions on futuristic innovations and works where participant with maximum correct answer is declared as winner.

Registration Cost: [Rs. 50/- per presentation]

Details of Organizer:

[Name]:Krishna Chaitanya (8074712373), B Sai Rohit(7989018148)

Event 4

Ex-Quiz ME

The game is played by a team of two people.
Round 1: pick your pie
In this round, every team is given a chance to select one topic among the options given to them. Based on their choice, they'll be asked question in this round. The topics are:literature, electrical(circuits, basics, etc) , electronics, basics of computers, mathematics etc..Options will be given for any question at the cost of ⅓ of the actual weightage of that respective question.
Round 2: Double trouble
This is a multiple choice question round. The teams get a chance to double the points of each question before the question is asked. If they answer any question wrong being the weightage doubled, they would get a penalty of negative points, else they would be awarded double points.
Round 3: list'em!!(buzzer round)
This is a written round in which the teams have to jot the entries in a certain list. For

example, if the given topic is "applications of Newton's laws", they have to list at least 5 applications in minimum time and press the buzzer.

Round 4:Quikerr!!

The last round is a rapid fire round where participants have to answer the 10 questions in 100 secs one by one. The team which answers maximum number of questions correctly gets highest score in this round.

Registration Cost: [Rs. 40/- per head]

Details of Organizer:

[Name]: K S Amrutha Valli(94924 00253), Haritha G (7893895664)

Event 5

MAQUETTE

Firstly we'll write few names of electronic devices like diodes, resistors, batteries etc., on paper slips and fold them and put those jumbled chits in a box.

Later any one of the participants have to take out a chit from all the jumbled chits and regarding that name that particular participant should draw a picture of it not exactly the picture but the clues of that picture and the other participant should guess that picture which is drawn on the board.

Registration Cost: [Rs. 80/- per team]

Details of Organizer:

[Name]:K Vinitha (9908612319), K Ramya (8790549925)

Event 6

MAZE RUNNER

To get a ball outside of a maze using the joystick.

Wherever the ball touches the marked places the number of questions are asked.

Registration Cost: Rs.40/- per head

Details of Organizer:

[Name]:Abhignya (18241A0261), Niharika (18241A02A7)

[Contact Number]:(Abhignya) 6309084456, (Niharika) 6302903137

[Year & Section]:II year EEE B

Event 7

Buzz Wire

The participant is supposed to take the wire loop from start position to the end position without letting the wire loop to touch the maze.

The participant touches the maze at any position then questions will be asked based on that position.

Registration Cost: [Rs. 40/- per head]

Details of Organizer:

[Name]: A Sanjana(18241A0201), M.Praneetha(18241A0231)

[Contact Number]: (Sanjana)9849554658, (Praneetha) 8919095468

[Year & Section]:II year EEE- A

Event 8

CRYPTICS

Level-1: students will be made into 2 groups, technical questions will be posed . Buzzer should be pressed before answering. Each correct answer will be given 2 points . If a group buzzes 3 times consecutively ,with correct answers , that team is eligible for bonus round in which one of the team member should target a balloon (the balloon has points on it).

Level 2: pictionary: in this level one of the group members of each group will pick up a slip , that student should try to explain the word written on slip by drawing , provided with time limit . (Each group is given 3 slips , 60 sec of time limit for each slip)

3) points allotment :

10 - 20 sec 5 pts

20 - 30 sec 4 pts

30 - 40 sec 3 pts

40 - 50 2 pts

50 - 60 1 pt

4) each team performance is displayed on leader board along with the time taken by each team.

Registration Cost: [Rs. 40/- per head]

Details of Organizer:

[Name]: G Shivasree (97042 48628), S Tejaswini.

Event 9

Guess Who?

Guess the scientist looking at the puzzled parts of a picture of him.the participant who guesses correctly, he needs to tell something/ inventions about the scientist will get a chance to participate in the next round.in the next round,there will be few mysteries given.

Then the players should solve the mysteries and find the victim.

Registration Cost: [Rs. 40/- per head]

Details of Organizer:

[Name]: Ch. Saivenkat Reddy (6303681895), V.Dineesha chowdary(9949111899)

Event 10

FIND THE INFINITY STONES

There are five infinity stones been hidden in different places within the college. Participants are expected to follow the trail of clues using tech terminologies and uncover the Infinity Stones.

Registration Cost: [Rs. 40/- per head]

Details of Organizer:

[Name]: M Anudeep reddy (8367010623), PaulSam(8125380601)

Event 11
LETTER HUNT

Choose a letter from the alphabet.

He needs to say something tech relevant word.

Each person has 3 minutes to find and bring as many objects as possible beginning with the chosen letter.

Score of 2 points for any object that no one else has &

Score of 1 point for objects others had brought.

Registration Cost: [Rs. 40/- per head]

Details of Organizer:

[Name]:SLESHA REDDY(7659856917), SRIVALLI MAJJI(9849994012)

Department of Civil Engineering

Event 1

SpeedoCAD

The event consists of drawing a House Plan with predefined requirements. The evaluation of the task is done in terms of quality, time taken and presentation of various aspects of the house plan

Time :30 min

Number of Participants :6

Organisers : 1. Mallagalla Shekar -9618147840

2. P Dinesh -9542895534

Event 2

Concrete Mania

The event consists of talking on any area of Concrete Technology for the given time duration and the evaluation of the task is judged based on the quality, relevance of the content, fluency of the language used and presentation ability of the participant

Time :5 min

Number of Participants :10

Organisers : 1. SK. Liyak Ashraf -9618147840

MONOPOLY

KERNEL
Shot on realme 2 Pro

KERNEL
KERNEL
GRIET/COM-598
GRIET/COM-624

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IN ASSOCIATION WITH TECHNOLOGY & INNOVATION CELL
KERNEL '19
ANNUAL TECH FEST
17th August
2019
Gokaraju Rangaraju Institute of Engineering and Technology
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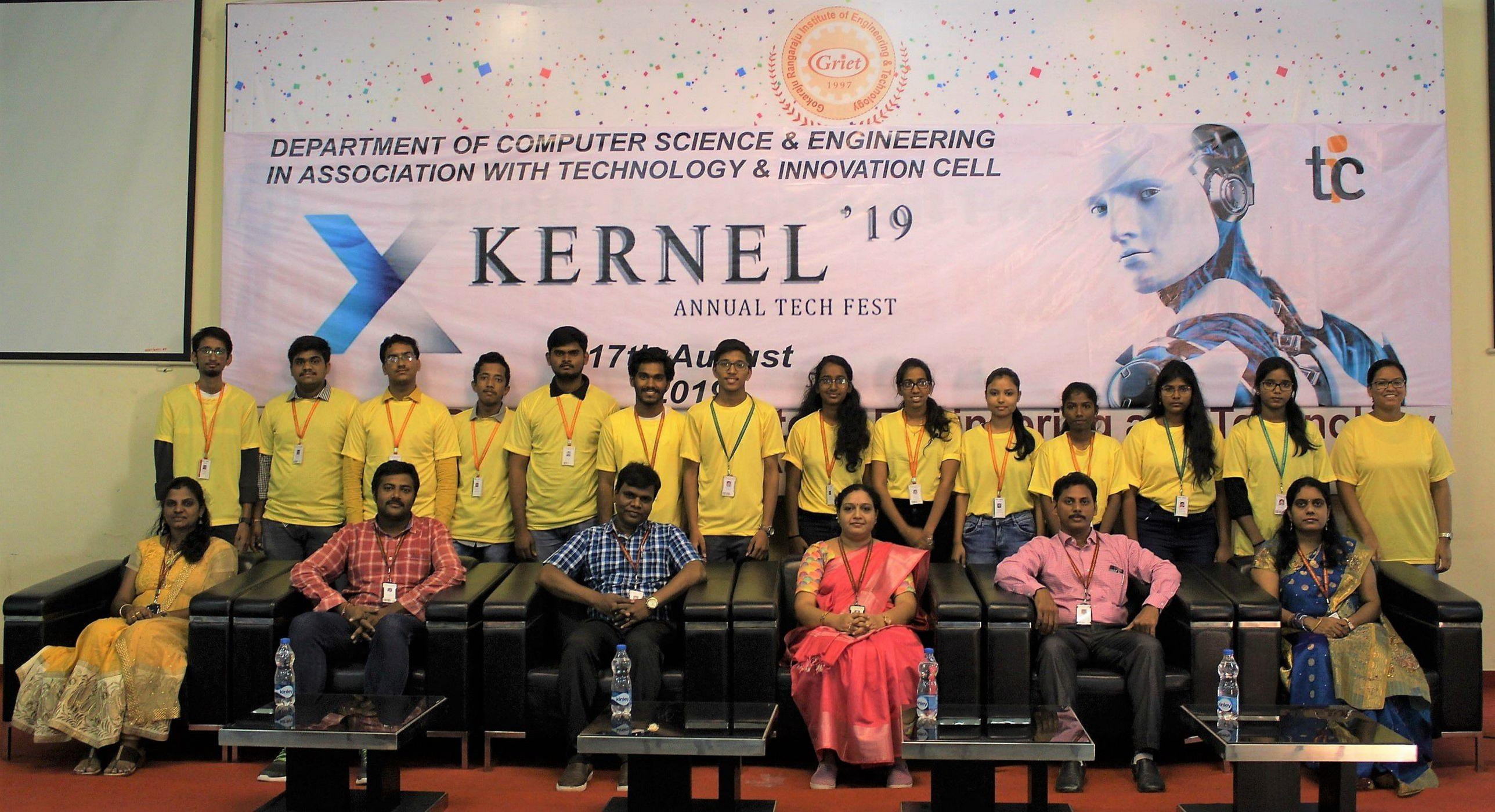
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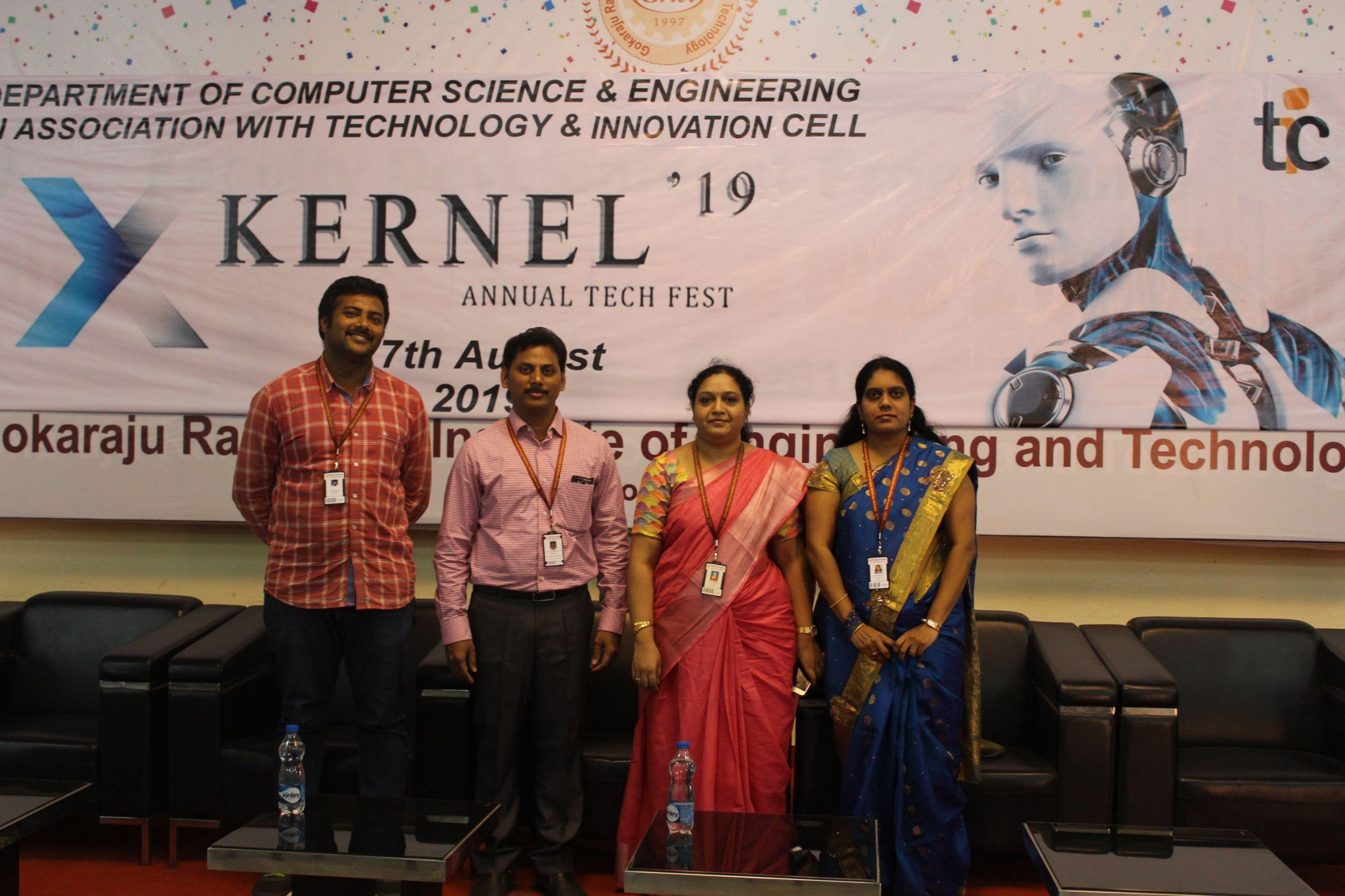
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GokarajuRangaraju Institute of Engineering and Technology

Department of Computer Science and Engineering

Technology and Innovation Cell

Income Expenditure Statement

INCOME (INR)		EXPENDITURE (INR)	
CSE	19,420/-	Expenses from CSE	1140/-
EEE	13,050/-	Expenses from EEE	1110/-
ECE	10,100/-	Expenses from ECE	770/-
IT	9,480/-	Expenses from IT	780/-
MECH	1,970/-	Expenses from MECH	-
CIVIL	640/-	Expenses from CIVIL	140/-
		Posters, Flexes	2595/-
		Inaugural	511/-
		T shirts	14,160/-
		Photos, Invitations	1120/-
		Certificates	7200/-
		Miscellaneous	1080/-
INCOME	54,660/-	**Expenditure**	29,526/-
BALANCE		**25,134/-**	

KERNEL '19
ANNUAL TECH FEST

CERTIFICATE OF APPRECIATION

THIS IS PRESENTED TO

G Sai Raja

for his/her excellent work as a "Faculty Coordinator" for
X- Kernel '19, Organized by
Department of Computer Science and Engineering,
Gokaraju Rangaraju Institute of Engineering and Technology on 17th August 2019

Dr.K.Madhavi	Dr.Y.J. Nagendra Kumar	Dr.J.Praveen
HOD - CSE	**DEAN - TIC**	**PRINCIPAL**

KERNEL '19
ANNUAL TECH FEST

CERTIFICATE OF APPRECIATION

THIS IS PRESENTED TO

G Sai Raja

for his/her excellent work as a Student Coordinator for
X- Kernel '19, Organized by
Department of Computer Science and Engineering,
Gokaraju Rangaraju Institute of Engineering and Technology on 17th August 2019

B.Padma Vijetha Dev	Dr.K.Madhavi	Dr.Y.J. Nagendra Kumar	Dr.J.Praveen
COORDINATOR	**HOD - CSE**	**DEAN - TIC**	**PRINCIPAL**

KERNEL '19
ANNUAL TECH FEST

CERTIFICATE OF APPRECIATION

THIS IS PRESENTED TO

G Sai Raja

for his/her excellent work as a Event Organizer for
X- Kernel '19, Organized by
Department of Computer Science and Engineering,
Gokaraju Rangaraju Institute of Engineering and Technology on 17th August 2019

B.Padma Vijetha Dev	Dr.K.Madhavi	Dr.Y.J. Nagendra Kumar	Dr.J.Praveen
COORDINATOR	**HOD - CSE**	**DEAN - TIC**	**PRINCIPAL**

KERNEL '19
ANNUAL TECH FEST

CERTIFICATE OF APPRECIATION

THIS IS PRESENTED TO

B . Padma Vijetha Dev

has rendered commendable services as "Coordinator" for
X- Kernel '19, Organized by
Department of Computer Science and Engineering,
Gokaraju Rangaraju Institute of Engineering and Technology on 17th August 2019

Dr.K.Madhavi	Dr.Y.J. Nagendra Kumar	Dr.J.Praveen
HOD - CSE	**DEAN - TIC**	**PRINCIPAL**