Competence, Commitment and Teamwork

SDME Society's

SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD – 580 002

(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi - 590 018)



Department of Electronics and Communication Engineering

Report on INSIGNIA'23

JUL 316/2023

Dr. Jayashree Nidagundi Faculty Coordinator ECE SDMCET

Ri 3/6/2023

Dr. Shreedhar A. Joshi HOD, ECE SDMCET

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Academic Year 2022–23

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Academic Year 2022–23

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INTRODUCTION

INSIGNIA is a mega event held at SDM College of Engineering and Technology, Dharwad-02 every year. Insignia started in the year 2014 which consists of both technical and cultural events, having a footfall of 10,000 participants. The students of this Institute come together to create an event that is the expression of their creativity and technical progress.

INSIGNIA is special because of its all discipline encompassing theme that is - where all the fields of engineering, medical, dental and business management can come together under one umbrella to participate, learn and enjoy. It is a zestful two-day long bonanza that has something for everyone. INSIGNIA is a celebration of science and technology's unfathomable bonds with splashy arts, magnificent history and rich culture. As of every year, this year Insignia '23 Departmental Technical events namely Troubleshoot, Qriosity, Brainstorm, Escape Room, Paper Presentation were successfully conducted.

Inauguration of Department Technical Events

The below program schedule was conducted for the Inauguration of Departmental Technical Events.

Date: 26th May, 2023

Time: 9:30 AM

Venue: Department of ECE, Room No. 25, SDMCET.

Guest: Vijaya C (Dean Academic Program), Dr. Shreedhar A. Joshi (HOD, ECE), Dr. Jayashree C N (Faculty Coordinator)

МОС	Mr. Akash PatilKulkarni (8 th Semester Student)
Prayer	Ms. Preetika and Ms. Preeti (6 th Semester Students)
	Dr. Jayashree C N to Dr. Vijaya C
Felicitation Program	Dr. S. V. Viraktamath to Dr. Shreedhar A. Joshi
	Mr. Ujjwal S to Dr. Jayashree C N
Watering the Plant	Dr. Vijaya C, Dr. Shreedhar A. Joshi,
	Dr. Jayashree C N and all the Event Coordinators
Guest Speech	Dr. Vijaya C, Dean Academic Program
HOD Speech	Dr. Shreedhar A. Joshi
Dept. Coordinator Speech	Dr. Jayashree C N
Vote of Thanks	Ms. Aditi A (8 th Semester Student)





TROUBLESHOOT

Name of the event: Troubleshoot 'A Technical Error Debugging Competition'

Name of the faculty coordinators: Prof.Sumangala N. B & Prof.Preeti B

Name of the student coordinators: Mr. Vinayak Damodar, Ms. Shreya Padukone

Name of the student volunteers: Ms. Preethika Mulgund, Ms. Preethi R & Mr. Shivaling

DETAILS OF THE EVENT:

Objectives:

- To build debugging skills in both hardware and software.
- Foster team work and Collaboration.
- Encourage healthy competition.

Activity Details:

- Date: 26/05/2023
- Time: 10.00 am
- Venue: Room number 25 and Digital laboratory

Event Poster:



Event conduction photos:







Total participation: 12 Teams (24 members)

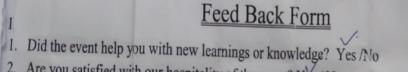
Sl No	Name of the Participant 1	Name of the Participant 2
1	Lata Shripad Naik	Nidhi Umrani
2	Kavya Burud	Priya
3	Vishnureddy M Patil	Ankit Gumaste
4	Prajwal H N	Manjunath Mandi
5	Megha	Summaya
6	Harshit Bhat	Sanjeev S
7	Ashwini Hadagalli	Prathibha Angadi
8	Preeti Mahesh Sonnad	Geeta Jabain
9	Kavya S H	Kirthi S M
10	Abhishek M Sampagoan	Darshan
11	Divya Bhagwat	Veena Goudru
12	Sonia Anvekar	SaiKrishna Chigare

Winner's details:

- 1. First Place: Ms. Lata Shripad Naik and Ms. Nidhi Umrani (ID002)
- 2. Second Place: Mr. Prajwal H N and Mr. Manjunath Mandi (ID005)

Feedback forms of the event

Que. Feed Back Form 1. Did the event help you with new learnings or knowledge? Yes /No 2. Are you satisfied with our hospitality of the event? Yes / No-3. Would you like to attend this event again in the future? Yes / No 4. Would you recommend our event to others? Yes/No 5. Did you enjoy participating in this event? Yes/ No 6. Do you have any other comments/ suggestions that would help us make future events better? It was very Good.



- 2. Are you satisfied with our hospitality of the event? Yes / No
- 3. Would you like to attend this event again in the future? Yes / No
- 4. Would you recommend our event to others? Yes / No
- 5. Did you enjoy participating in this event? Yes/ No
- 6. Do you have any other comments/ suggestions that would help us make future events better? I Organd a lot, Thank you.

Jun - 004

Outcomes of the event:

- The event enhanced participants knowledge on both hardware and software platforms.
- The Troubleshoot event is a pure technical event which consists of hardware and software rounds where students get an opportunity to exhibit their talent and enhance their skill set.
- The students were able to debug the errors in the competition and top two teams were awarded with certificates and cash prize.

QRIOSITY

Name of the event: QRIOSITY, A Technical Quiz Competition Name of the faculty coordinators: Prof. Shrikanth Shirakol & Prof. Vyas Murnal Name of the student coordinators: Ms. Spoorthi Kadakol & Mr. Ajeet Pradhan Name of the student volunteers: Mr. Manjunath Mandi, Mr. Nikhil Jujaganv & Mr. Rakshita Subbapurmath

DETAILS OF THE EVENT:

Objectives:

- Enhance problem-solving skills and critical thinking.
- Foster teamwork and collaboration.
- Encourage healthy competition and excellence.

Activity Details:

Date: 26/05/2023

Time: 2.00 pm to 5:00PM

Venue: Room no.25

Event Poster:



Event conduction photos:







• Total participation: 12 teams(24 members)

Sl. No.	Name of the Participant 1	Name of the Participant 2
1	Shifa	Abdal
2	Revansiddappa	Nayanagouda
3	Khushi	Vaishnavi
4	Lata Naik	Nidhi Umrani
5	Shreyas	Rajangouda
6	Vismay S N	Rahul D
7	Shrinidhi Hegde	Aishwarya
8	Prathibha Angadi	Ashwini Hadagali
9	Kirthi S M	Soumya S
10	Darshan M Chougale	Abhishek M. Sampagaon
11	Rakshita B A	Navyashree Hegde
12	N Rachana	K Venkat Anish

Winners details:

- 1. First Place: Mr. Vismay S N and Mr. Rahul D (ID011)
- 2. Second Place: Mr. Darshan M C and Mr. Abhishek M S (ID009)





Insignia '23

Feedback form of the event:

FEEDBACK FORM

1. Name: N. RACHANA K. Venket Arish 2. Email Address: nov putrachar allo 3 agrical 1. 1000 3. Ph. no: 7795506621

4. How did you hear about the event?

Forom lanvasing and Postos

5. Rate your overall experience at the event:

- a.Excellent
- b.Good

c. Average

d.Below Average

e. Poor

- 6. What aspects of the event could be improved? Timing Should be more.
- 7. Did you find the event duration appropriate? If not,

what changes would you suggest. Should Increase dwinth on of each normal

FEEDBACK FORM 1. Name: Krath S.M., Soumya Shitty. 2. Email Address: Saunya Shitty Socz@gnail.com htatic Smacol@gnail.com 3. Ph. no: 9964919540, 938075 6711

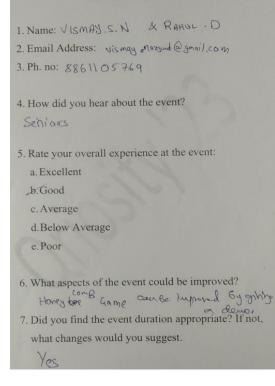
- 4. How did you hear about the event? By our classmales, and senioss.
- 5. Rate your overall experience at the event:
 - a. Excellent
- b.Good
- c. Average
- d.Below Average
- e. Poor

6. What aspects of the event could be improved?

7. Did you find the event duration appropriate? If not,

what changes would you suggest. > gul 2 timing is not sufficient

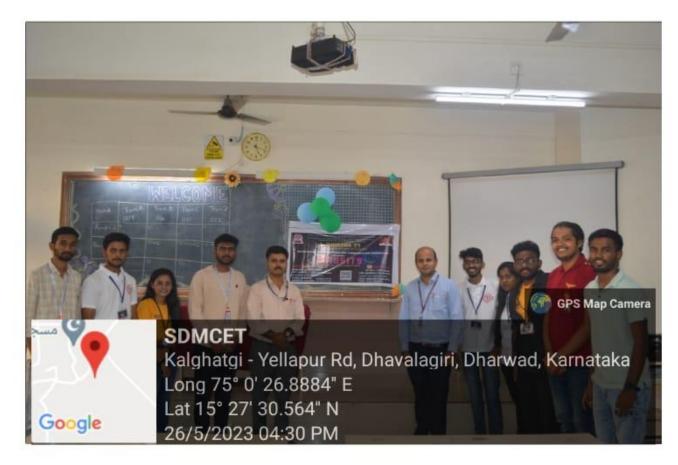
FEEDBACK FORM



Outcomes of the event:

- The event helped in enhancing the participants' knowledge on Critical thinking, and Problem solving.
- This technical quiz competition gave an opportunity to students to test their ability in terms of technical knowledge in the field of Electronic science and technology and also in current affairs.
- The students were able to answer the questions asked in the competition and top two performers were awarded with certificates and cash prize.

Photo of Faculty and Students coordinators with the winner and runner ups:



Insignia '23

BRAINSTORM-23

Name of the Event: BRAINSTORM-23

Faculty Coordinators: Dr. Sunil S. Mathad & Prof. Raghuram K. M.
Name of the Judges: Dr. Sharada C. Sajjan & Prof. Bairu K. Saptalkar
Student Coordinators: Mr. Ujwal Shettigar & Mr. Ankit Gumaste
Student Volunteers: Aishwarya S. Naroni, Shreya M. Bhat, & Pratham M. Nimbalkar

DETAILS OF THE EVENT:

BRAINSTORM is a System design and Exhibition contest that celebrates technical expertise and innovation. This event is a testament to the power of collaboration, curiosity, and imagination. The event provides a platform for participants to showcase their skills and creativity in designing and presenting functional prototypes. Participants integrate various electronic components, exploring the synergy between hardware and software to develop unique solutions.

Objectives:

The objective of BRAINSTORM-23 was to provide a platform for participants to demonstrate their technical expertise and creativity by designing and presenting innovative prototypes using Arduino modules. With a focus on the theme of "Arduino-Based Applications," the event aimed to inspire participants to demonstrate their skills while exploring new possibilities with Arduino modules.

Event Details:

Date: 26/05/2023 Time: 2:00 pm Venue: Digital Lab, ECE Dept.

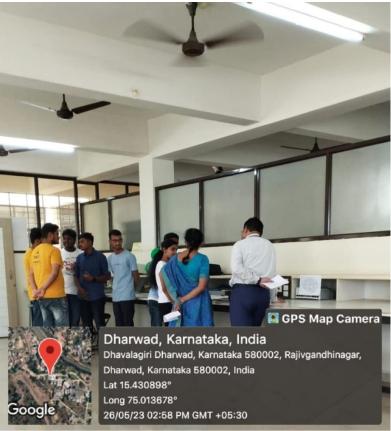
Event Poster:



Event Photos:







Total Participation: 6 Teams (13 members):

The BRAINSTORM-23 event, held on 26/05/2023 from 2:30 PM to 4:00 PM, saw the participation of 6 teams (13 members), including one team from Jain College, Hubli, and

Insignia '23

five teams from SDMCET Dharwad. Notable exhibited projects included a "Bluetooth controlled fire extinguisher", "All-in-one robot" featuring a line follower, wireless control, IR sensor and ultrasonic sensor, another project was related to RFID. The first prize was awarded to the Jain College team for their fire extinguisher project, while the second prize went to SDMCET students for their all-in-one robot. The event was judged by Prof. Sharada C. Sajjan and Prof. Bairu K. Saptalkar.

SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD **Department of Electronics and Communication Engineering** Insignia 23 "Brainstorm-23" 26/05/2023 **Result Sheet** College Name Table No. Names of Members Prize Omkar F Patil Jain College of Chris 1st X 1 Engineering Prize Vishwanath M.K. Technology Hubli Cruriedatt Sanjeer SDMCET, Joshi 2nd Dharwad 6 Prize & Prabhu Grouda Patil S Ser Signature 61 chor3 5.2020 Dr. Sharada. C. Sajjan Prof. Bairu K. Saptalkar Name of the Judge STW2 I S. Mathal Jele Prof. Raghuram K M Dr. Sunil S Mathad Dr. Jayashree C Nidagundi Event Coordinator Event Coordinator Dept. Insignia Coordinator

• Winner Details:

Feedback Form:

SDM COLLEGE	OF ENGINEERING AND TECHNOLOGY, DHARWAD of Electronics and Communication Engineering	SDM COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD Department of Electronics and Communication Engineering
	rainstorm Event Feedback 26/5/23	Brainstorm Event Feedback
DI	amstoria and informative?	1. Did you find the brainstorm event engaging and informative?
	m event engaging and informative?	AT Yes B] No
AT Yes	B] No	2. How would you rate the overall organization and logistics of the brainstorm event?
2. How would you rate the	by real organization and logistics of the brainstorm event?	A] Excellent _B] Good
A] Excellent	BfGood	C] Fair D] Poor
C] Fair	D] Poor	3. Were the objectives and expectations of the brainstorm event clearly communicated beforehand?
3. Were the objectives and	DJ Poor expectations of the brainstorm event clearly communicated beforehand?	AT Yes B] No
		4. Did you feel encouraged to contribute your ideas and opinions during the brainstorm event?
4. Did you feel encouraged	b) NO to contribute your ideas and opinions during the brainstorm event?	AT Yes B] No
		5. Were the brainstorming activities and exercises helpful in stimulating your thinking and generating
 Were the brainstorming a innovative ideas? 	b) No	innovative ideas? AT Excellent B] Good
A] Excellent	Bt Good	
01 F :	D] Poor	C] Fair D] Poor How well did the brainstorm event foster collaboration and teamwork among participants?
 How well did the brainst 	orm event foster collaboration and teamwork among participants?	A] Excellent B] Good
A Excellent	B] Good	C] Fair D] Poor
C] Fair	D] Poor	7. Did the brainstorm event meet your specific needs?
 Did the brainstorm event 	meet your specific needs?	P1 C 1
A] Excellent	AB Good	
C1 Fair	D] Poor	C] Fair DJ Poor Were the time management and pacing of the brainstorm event appropriate?
8 Were the time manageme	nt and pacing of the brainstorm event appropriate?	
A Excellent	B] Good	A) LAUNAN
C] Fair	D] Poor	
9 Did you feel that the brain	nstorm event achieved its intended goals and objectives?	9. Did you feel that the brainstorm event achieved its intended goals and objectives?
A] Excellent	B Good M	A] ExcellentGood
C] Fair	D] Poor	C] Fair D] Poor
	have for improving future brainstorm events?	10. What suggestions do you have for improving future brainstorm events?
	tions are asked by the judges	My suggestion is that Brainstorm event should have many
- mariely a sub	and a sunday	more programs, and it should encourage many ECE 008 projects related to Aurdino and other protecty prs. Insignic

Outcome of the Event:

- Participants showcased technical skills and creativity through innovative Arduinobased prototypes.
- The event provided valuable feedback from judges, helping participants identify areas for improvement and learn from their mistakes.
- Knowledge exchange and collaboration among participants created a supportive learning environment, enhancing their skills and knowledge in Arduino-based applications.

PAPER PRESENTATION-PRASTUTI

Name of the event: 'Prastuti-23'- Paper Presentation.

Name of the faculty coordinators: Dr. S. V. Viraktamath & Prof. Reshma Nadaf

Name of Judges: Dr. Vyas R Murnal & Dr. Siddalingesh S. Navalgund

Name of student Coordinators: Ms. Aditi Angadi & Ms. Srishti Mahajan

Objectives:

- Presenting research findings: Share the results of research study, experiment, or executions with the audience. Clearly communicating methodology, analysis & conclusions.
- Enhancing professional development: Provide insights, knowledge, or skills that can enhance the professional development of the members. Improving presentation skills. Share practical tips, tools, or strategies that can be applied in their work or research endeavours.

Activity Details:

Date: 27/05/2023

Time: 9:00 AM

Venue: PG Room, Department of ECE, SDMCET.

Event Poster:



	Total Participation: 97	Teams (22 Members)
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SL.NO	Participant 1	Participant 2	Participant 3	Participant 4
1	Avani J.S	Nikhila ch		
2	Prajwal H N	Ankit Gumaste	Vishnureddy M Patil	Amogh P Guddimath
3	Akshata D Rokhade	Srushti N Angadi		
4	Baibhav gorai	Shounak harekar	Nayangowda	Visvajeet
5	Rakshitha Banna	Kavya S H		
6	Shivaprasad V S	Sandeep S Nadgir		
7	Divya D Chavate	Madhu Dharwadkar	Jyoti M Guravvagol	Suman R Neelgund
8	Ankita Aravind Dongrekar			
9	Swagath B J			

Event Conduction Photo:





Winners Details:

1) First Place: Prajwal H N, Ankit Gumaste, Vishnureddy M Patil & Amogh P Guddimath(ID003)

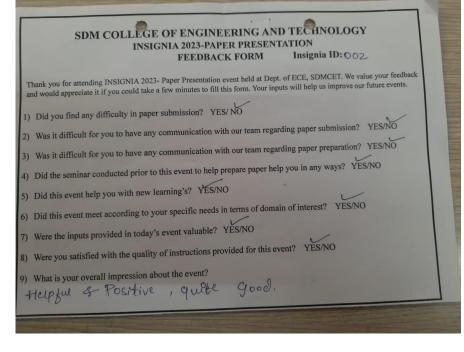


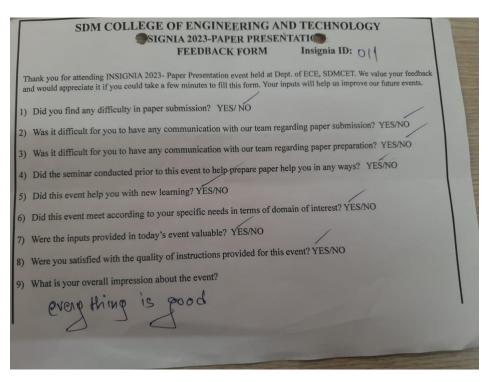
Insignia '23

 Second Place: Divya D Chavate, Madhu Dharwadkar, Jyoti M Guravvagol, Suman R Neelgund (ID003)



Feedback form from participants:





Outcome of the event:

- Knowledge dissemination
- Audience engagement
- Networking Opportunities
- Validation & recognition
- Inspiration for further research
- Publication opportunities
- Professional development & learning

ESCAPE ROOM

Name of the event: ESCAPE ROOM

Name of the faculty coordinators: Prof. Sharada C. Sajjan & Prof. Channakka C. L.

Name of the student coordinators: Mr. Rajat Raikar & Mr. Rajat Padiyar

Name of the student volunteers: Mr. Bhimashi Gotur, Ms. Keerthi R & Mr.

Revanasiddappa

Activity Details: Date: 27/05/2023

Time: 9.30 am to 12.30 pm

Venue: Room no.25 and Digital Lab, ECE

Event Poster:



Rules and Procedure:

Rules	1. Two members per team.	
	2. Use of mobile or any other instruments during the event	
	is not allowed.	
	3. The question shall be in the form of multiple choice or	
	specific answer type.	
	4. Replacement of the team member after the registration is	
	not allowed.	
Skills required	Basic Electronics, Digital circuits, Analog electronics,	
	Aptitude skills and Current Affairs.	
Event Procedure	There will be two rounds:	
	Round 1: Elimination Round	
	- Objective questions with multiple choices will be given.	
	Top 6 teams will be selected for the 2^{nd} round.	
	Round 2: Quest and Games	
	-Stage 1: Tower Builder and Quest.	
	-Stage 2: Puzzle and Quest.	
	-Stage 3: Suspense Round. (Rules will be explained	
	during the event itself)	
	At the end of each stage, team will receive a clue which helps	
	to unlock the lock.	
Registration: Whether on spot /off spot	Both	
Registration fees	Rs. 150 per person (300 per team)	

Objectives of the event:

- Enhance problem-solving skills and critical thinking.
- Foster teamwork and collaboration.
- Encourage healthy competition and excellence.

Participation List:

15 teams with 2 members per team (30 members)

Sl. No.	Name of the Participant 1	Name of the Participant 2	College
1	Akhilesh Ksheerasagar	Azeemkhan	SDMCET, Dharwad
2	Sumanth	Karegar	SDMCET, Dharwad
3	Vushwa Hegde	Aditya Raikar	SDMCET, Dharwad
4	Lata Naik	Preeti Sonnad	SDMCET, Dharwad
5	Prajwal Shet	Komal Singh	SDMCET, Dharwad
6	Sahana JK	Trupti Shet	SDMIT, Ujire
7	Rakshita.A.Tembadmani	Aditya Gupta	SDMCET, Dharwad
8	Savita nagaloti	Nadiya	SDMCET, Dharwad
9	Sushmita	Swapna	SDMCET, Dharwad
10	Sahana	Sahana	SDMCET, Dharwad
11	Sanju Hiremath	Vinayak Gobbi	Jain College, Hubli
12	Manjunath	Kamkar	Jain College, Hubli
13	Nayangouda	Bharatesh	SDMCET, Dharwad
14	Sandeep	Karne	SDMCET, Dharwad
15	Nisha	Prajwal M S	SDMCET, Dharwad

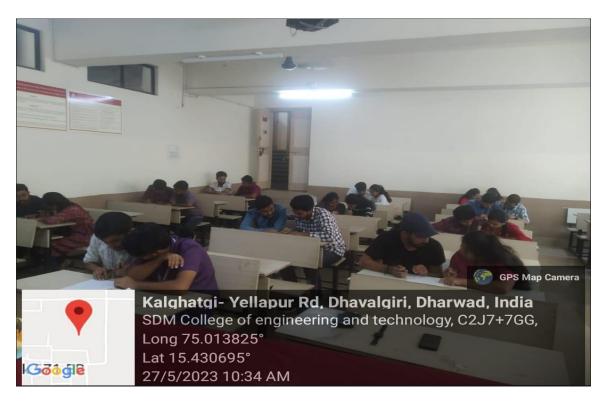
Results:

Winners : 1. Lata naik 2. Preeti Sonnad	(SDMCET, Dharwad)
Runners : 1. Sahana JK 2. Trupti Shet	(SDMIT, Ujire)

Outcomes of the event:

- The event helped in enhancing the participants' knowledge on Critical thinking, and Problem solving.
- This technical and fun event escape room competition gave an opportunity to students to test their ability in terms of technical knowledge and team work.

Event conduction photos:



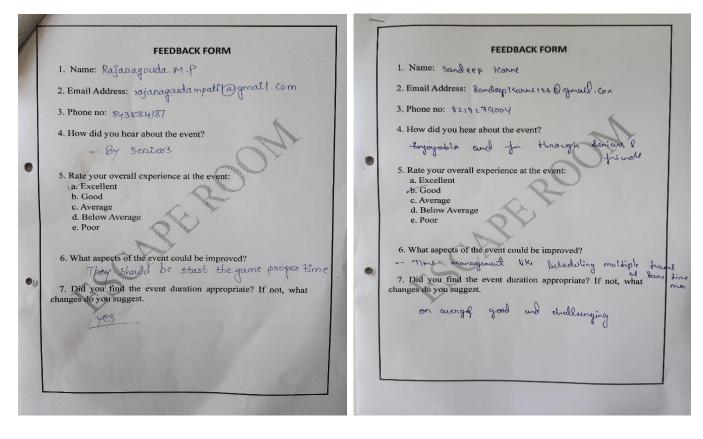


Winners:



SDM College of Engineering and Technology, Dharwad Department of Electronics and Communication Engineering **INSIGNIA 23 Event Name: Escape Room** RESULTS Winners: ID NO! 005 O Lata Naik 3 Preeti Sonnad Runners: ID NO! DOG () Sahana J.K. (2) Teufti Shet Date: 27/05/2023 Venue: Digital Lab (ECE) 0 **Staff Coordinators:** Student Coordinators: 1) Prof. Sharada C. Sajjan 1) Rajat Raikar 2) Prof. Channakka C. L. 2) Rajat Padiyar

Feedback of the event:



Insignia '23

SUMMARY

INSIGNIA, a national level Techno-Cultural event held at SDM College of Engineering and Technology, Dharwad-02. This year there were 5 technical events conducted. Namely Troubleshoot, Qriosity, Brainstorm, Paper Presentation Prastuti'23 and Escape Room.

A total of 120 participants from all over India participated in this event in which each of the events, two teams won the prizes for first and second place. Participants got participation certificates. Each event was coordinated by two faculty event coordinators, two student event coordinators and three volunteers. To supervise all the events, a faculty coordinator and two main coordinators were assigned. Overall, the Departmental Technical events are successfully conducted. It has encouraged and motivated students' community.