SRM
SuCE
IETE CHENNAI CENTRE
IETE STUDENTS FORUM
in association with
FORUM OF DATA SCIENCE ENGINEERS, SVCE
MAY
15
2021
EASE THE ERROR
2.0
2-5
MEMBERS
PER TEAM

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TEAM
2-5
FEE DETAILS:
May 15
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Ease the Error
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FEE DETAILS:

A REPORT ON THE NATIONAL LEVEL 24 HOUR HACKATHON

"EASE THE ERROR 2.0"

The Hackathon was coordinated by **SVCE-ISF** with the help of **IETE Chennai Centre** in association with **Forum of Data Science Engineers SVCE** and the **ISF of:**

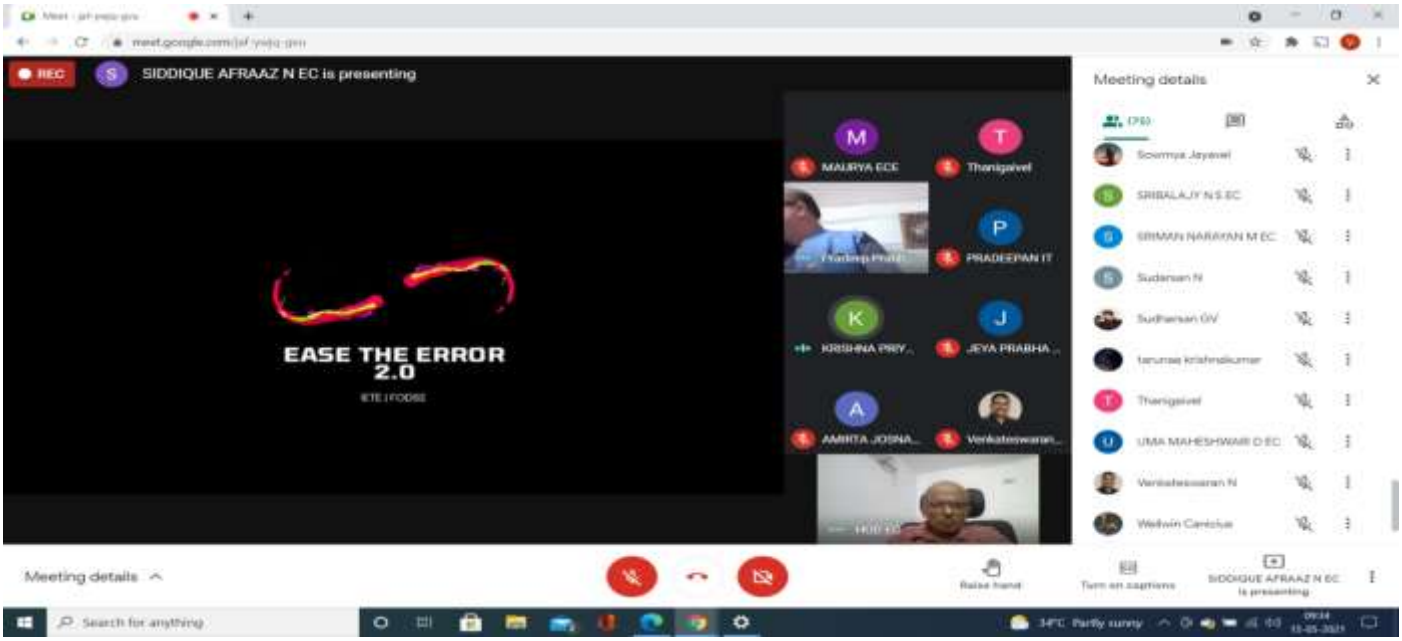
1. Jeppiaar Institute of Technology,
2. Veltech Multitech Engineering College,
3. SRM Easwari Engineering College,
4. Panimalar Institute of Technology,
5. SRM Institute of Science and Technology.

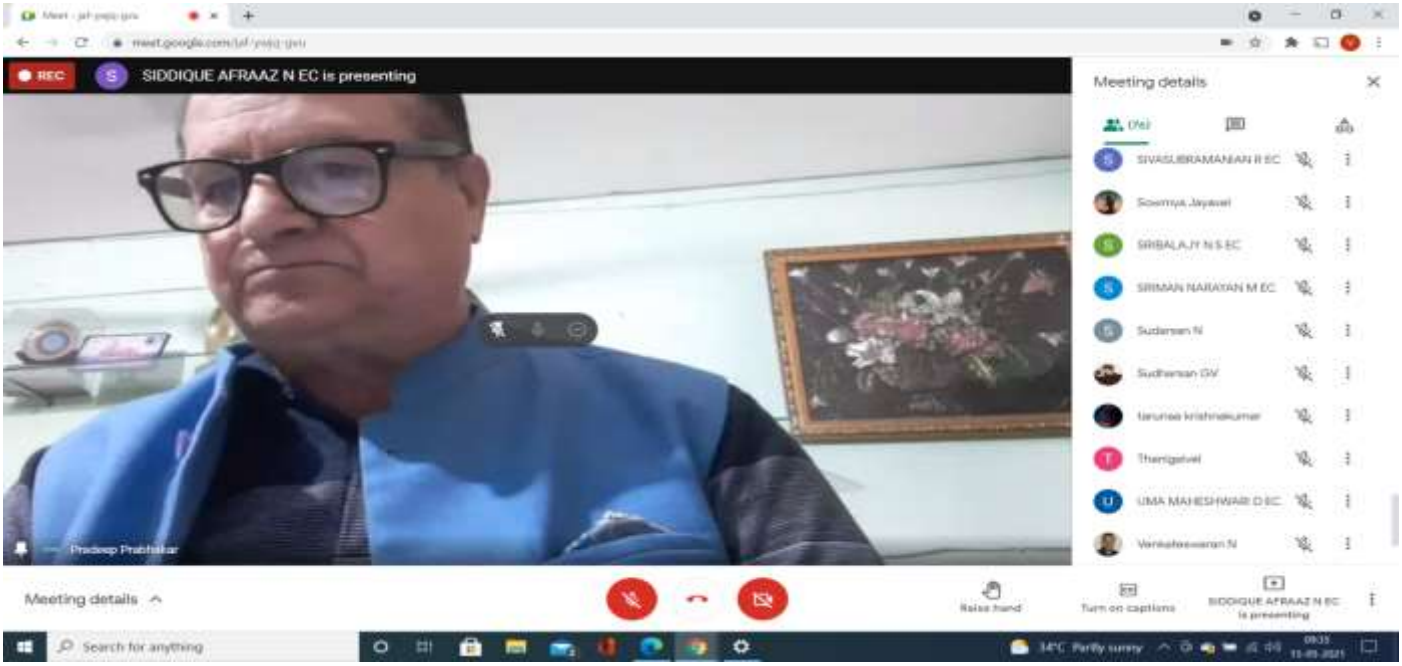
FLYERS OF THE HACKATHON **"EASE THE ERROR 2.0"**

Ease The Error 2.0 was a 24 Hour national level hackathon which challenged students to think out-of-the-box and offer innovative ideas to build smart applications which will help address crucial real time problems in our country. The event happened continuously for 24 hours from 15th May to 16th May 2021. It brought together undergraduate students, faculty, staff, and industrial professionals. The hackathon witnessed a participation of a total of 17 teams from all over the state. The developers had to build products that would lay a helping hand in building the future.

The inaugural function was presided over by the honourable chief guest Prof. (Wg Cdr) P.Prabhakar, Chairman BoRIS council,VP IETE India.

The event commenced with a Prayer song by Mr.Sankar Narayanan, member of ISF SVCE, followed by a welcome address by Mr.Vishnusai.R, Honorary Secretary, IETE SF, SVCE. The organizing committee was announced by Ms.Krishnapriya, Executive Member IETE SF SVCE; Mr.S.Saurabh, President FODSE and Mr.Pradeepan, Vice President FODSE. Dr.N.Venkateswaran gave a short note and introduced the chief guest for the day. The chief guest addressed the gathering and prompted them to build products which would benefit the society. Dr.S.Muthukumar, Head of the Department, ECE welcomed the speaker and the participants. Dr.Vidhya, Head of the Department, IT delivered a short note to the gathering. Ms.E.Sruthi, Joint Secretary FODSE introduced the mentors for the hackathon. Ms.Indhumathi, Joint Secretary IETE SF SVCE explained the scoring rubric to the participants. The webinar was anchored by Ms.B.Amirta Josna, Executive member IETE-SF SVCE. The hackathon began at 10.30AM shortly after the inauguration.





SNAPSHOTS OF THE INAUGURAL SESSION

About the Chief Guest:

Prof (Wg Cdr) Pradeep Prabhakar (Retd), Vice President IETE India is known for his academic and professional accomplishment, vast administrative experience, and vision towards higher technical education. He has more than 45 years of professional experience including 22 years in Indian Air force and received many honours, awards, and appreciations during his service career. He took premature retirement as Wing Commander. For the last 23 years, he has been Director- Principal of many prestigious engineering colleges in states of Punjab, Haryana and Himachal Pradesh. He has also served two prestigious Universities. He has 40 years long association with IETE. His involvement with IETE Chandigarh Centre started in 1999 as EC member and then subsequently as its Chairman from 2004- 2006. As Centre Chairman, apart from managing important activities, he put in dedicated efforts for the construction of the Auditorium, Committee Room, and e- learning infrastructure.

Details about the event:

Commencement	May 15 2021 (10.30AM IST)
End	May 16 2021 (10.30AM IST)
Total Teams	17 Teams
Total Participants	80
Team Size	2 Member (Min) - 5 Members (Max)
Registration End	May 12th 2021 (00.00 AM IST)

About the event:

The event commenced at 10.30 AM on 15th May (Saturday). The participants were given a few minutes to pitch their ideas, themes, and technologies they would be using. The innovations of the teams spanned across themes such as smart communication, rural development, pandemic safety, cyber security, IoT and many more. A total of 17 teams were shortlisted based on their statement of interest regarding the hackathon and their chosen domain.

The Mentors of Forum of Data Science Engineers played an important role in assigning problem statements related to the innovative engineering domains such as:

1. Smart Communication
2. Health care
3. Rural development
4. Smart vehicles
5. Smart homes
6. Food processing
7. Robotics
8. Cyber Security
9. IoT
10. Disease Awareness
11. Pandemic Safety
12. AI/ML/DL for human development

13. Gaming development

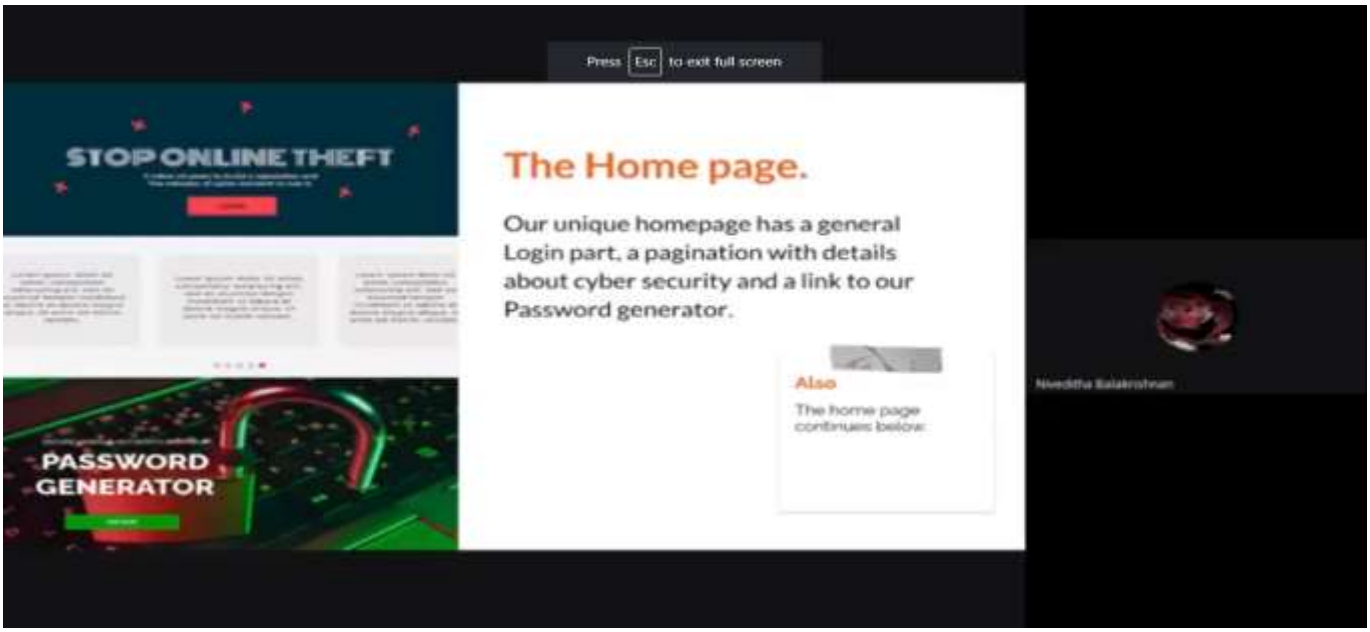
During the whole organizing of the event, the executive members of IETE SF SVCE and FODSE periodically checked upon all the teams and the progress of their model to ensure and provide if any help was needed. The 17 teams pushed themselves into innovating new models and solutions for their problem statements. The event had two round of judging and ended at 10:30 AM on 16th May 2021 (Sunday).

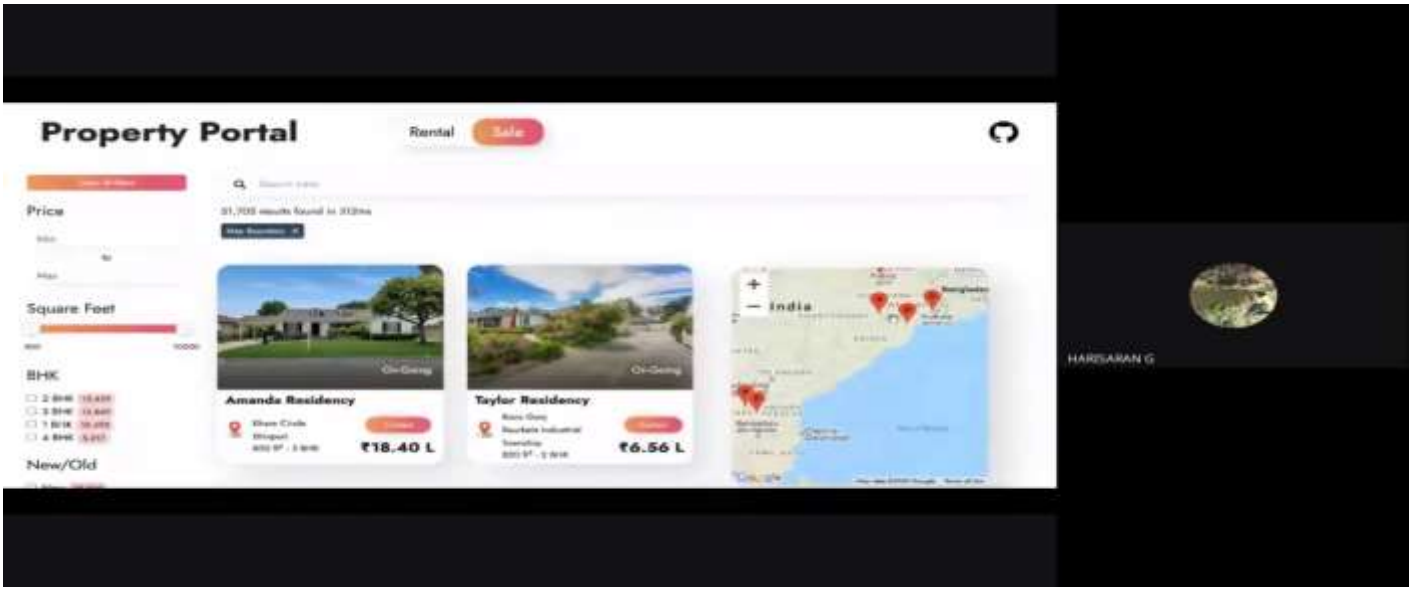
The judging began soon after. All the teams were segregated to accommodate the judges who were industrial professionals and professors. Each team was given a time slot during which they had to explain the problem statement and their solution along with a working model followed by a Q&A session by the judges.

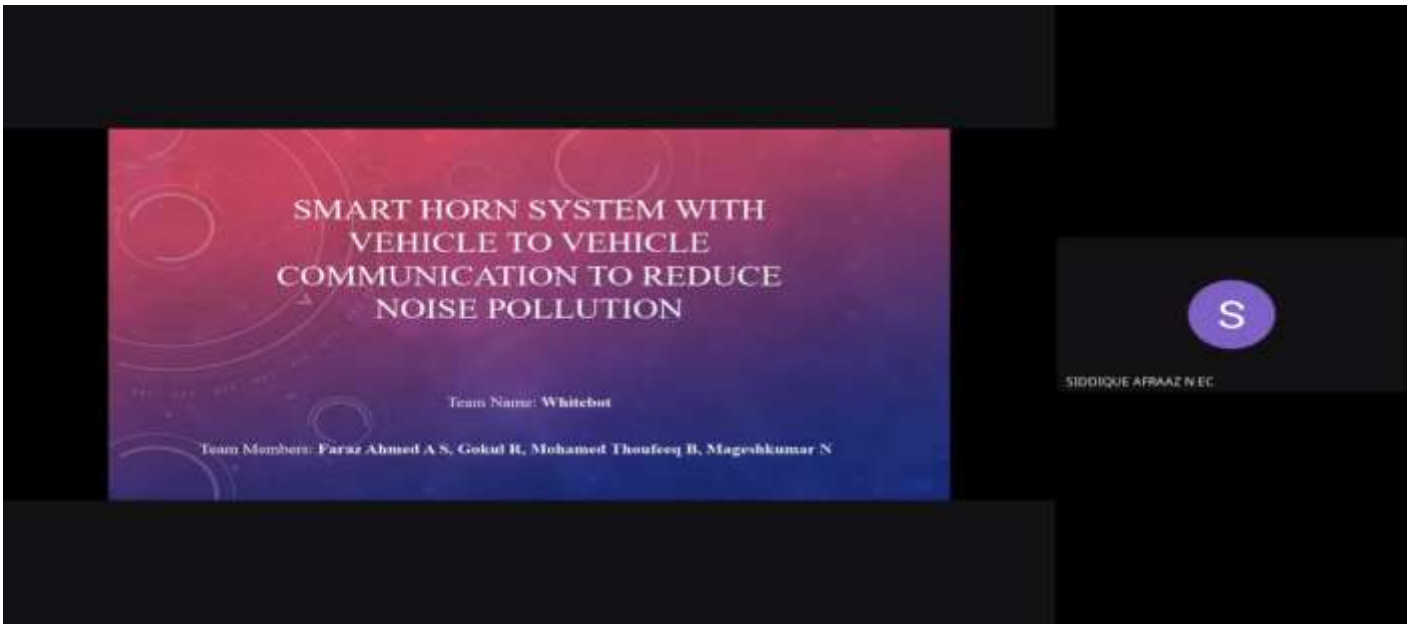
About the judges:

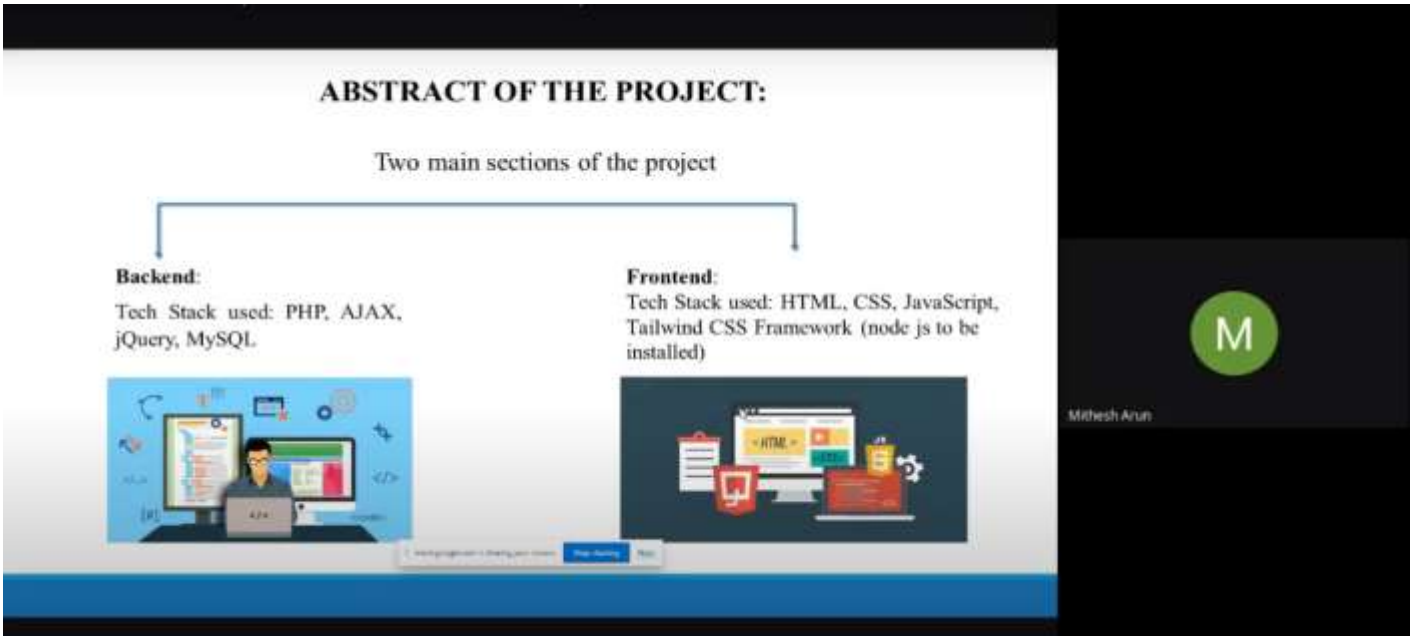
The hackathon consisted of two rounds of judging. The first round of judging began at 6:00 PM on 15th May 2021. The teams were segregated into three different panels. The three judges present for the first round were Mr.Shravan Srinivasan (IV Year –IT), Mr.Padmanaban Alagappan (IV Year-EEE), Mr.Vuppalapatti Chenchu Ujwal (IV Year-ECE). The judges of the preliminary phase examined the work of the participants and made sure their work is abided by the rules and regulations of the event and noted down the progress and also gave suggestions for improvement.

The second round of judging began shortly after the event was over. There were three judges present for second round of judging on 16th May 2021 at 10.30 AM to evaluate the performance of the participants. The judges were enthusiastic with the models and solutions presented and raised question and comments for improvement of the solutions. The solutions were in the form of coding, video demonstration and presentation. The judges were Dr.W.Jino Hans, Associate Proffessor, Department of ECE, SSN College of Engineering, Chennai ; Dr.V Sherlin Solomi, Assistant Professor, Department of ECE, Hindustan University, Chennai and Mr.C.Ashok, Assistant Professor, Department of ECE, St.Joseph's College of Engineering, Chennai. All the judges were encouraging and supportive to the participants and appreciated the organizing team for their efforts.









JUDGING OF THE EVENT- **"EASE THE ERROR 2.0"**

About the participants:

A total of 17 teams participated in the hackathon. There was also an enthusiastic interdisciplinary participation from colleges. All the participants showcased great skill in developing innovative solutions for their problem statements and were applauded by the judges.

Winners of "EASE THE ERROR 1.0":

1st Place	MINECRAFT –SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING	House Search suggestions based on current configuration and available goods
2nd Place	HACKCESS%20 DENIED- SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	All in one app where we can have complete smart services for university related to cleanliness, lost & found, canteen orders, event notifications, etc.
3rd Place	THE FANTASTIC FOUR- SRM EASWARI ENGINEERING COLLEGE	Electricity saving in Home using detection
Novelty	MADRIX- SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING	Text sentiment analysis- trying to find an emotion by text
Best UI/UX	PING INTELLIGENCE – SRI VENKATESWARA COLLEGE OF ENGINEERING	BMI and body constituents-based food suggestions
Budding Innovator SVCE	VOID MAIN 101 – SRI VENKATESWARA COLLEGE OF ENGINEERING	Food analysis- In case a product is not available (in retail or food chains), recommending another similar product with the same type and amount of nutrient.

The winners were awarded with cash prize Rs.5000/- for the first place, Rs.3000/- and Rs.2000/- for second and third place, respectively. The winners of Best UI/UX and Novelty were awarded with Rs1000/- each. Special prizes such as Budding innovators was awarded with Rs1000/-

The entire IETE Student forum of SVCE and Forum of Data Science Engineers SVCE would like to thank the management for their support and guidance throughout the event. The organizing team was applauded for conducting "Ease the Error 2.0" professionally by all the judges and participants.

Chief Patron- Dr.S.Ganesh Vaidyanathan,Principal, SVCE,

Convener- Dr.S.Muthukumar, Professor, HOD,ECE,

Dr.Vidhya, Professor, HOD, IT

SVCE-ISF coordinator-Ms.T.J.Jeyaprabha,

ORGANIZING TEAM -IETE SF SVCE

Chairman-Mr.Maurya Vijayaramachandran,(IV Year ECE),

Vice President-Mr.Jailesh Perumal,(IV Year ECE),

Honorary Secretary-Mr.Vishnusai.R(III Year ECE),

Honorary Treasurer-Mr.M.Thanigaivel(III Year ECE),

Joint Secretary-Ms.Indhumathi Vijayarangan,(III Year ECE)

ORGANIZING TEAM -FODSE

President-Mr.Saurabh Sonawane(III Year EEE)

Vice President -Mr.Pradeepan P(III Year IT)

Honorary Secretary -Ms.Shruti Srivatsan

(III Year CSE)

Joint Secretary -Ms.Shruthi Elanchezhian(III Year ECE)

SVCE-ISF Executive Members:

Mr.B.Akilesh Kumar (II Year ECE),

Mr.A.Kenwin Patrick (II Year ECE),

Mr.N.Siddique Afraaz (II Year ECE),

Ms.B.Amirta Josna (II Year ECE),

Ms.S.Krishnapriya (II Year ECE),

Ms.D.Saalini (II Year ECE)

FODSE Executive Members

Mr.Siva Subramanian (II Year ECE)

Ms.Revilla Jyosthna (II Year ECE)

Ms.Uma Maheswari (II Year ECE)

Ms.Poonam Balanehru (II Year IT)

synchronized well and coordinated for the successful execution of the event.

REPORT BY:

AMIRTA JOSNA B,

(II YEAR Executive member of IETE SVCE)

EVENT COORDINATOR

HOD/ECE

Participants:

R.balaji
Shruti Gunasekaran
S. PREM RAJ
SRIMATHI S
AMALAN VALLIAPPAN M P
Kishore M
Saisharan M
Balaji G
Vikram Raj N
Aakash Murugan
Shankrith S
TARUN KUMAR M
Girish Kumar S
Pabbichetty Nimisha
Poonam B N
S Harish
Naveen Sriram R
VISHVAMBAR PANTH S
Ashwin Krishna DR
Gayathri Swetha
Mithresh G P
Bhagavath Kumar M
N Aravind
Arunachalam. J
Lakshmipathi.R
B.abinaya
Yashawini S
S. LOKESH
SATHYA B
BUVANESH S
Maheeraj J F
Venkatesh S
Arjun T
Yashwant Reddy
Pakkeer Mydeen N
Sai Aakash
HAARISH KANNAN KG
Jai Surya S
Meghna Govind
Mrithula Angeline
Dakshin Aravind. M
Nikhilesh S
Saravana Kumar M

ASHWIN KRISHNA DR
Dhivya lakshmi
Preethi Gandhi GS
Gayathri S
Keerthivasan D
Ashwath Subramonian
Balaji.A.J
Roopa Sri
L.A.ishwarya
Varsha V
ABIRAMI SIVAKUMAR
SUWETHA K
ARVIND D
Nissanth N A
Saran SP
Manoj Kumar
Yedhubooshan .M.M
Dinesh M
Ritika Mugundan
SHANJAI K
Febia Thomas S
Palani M
Baraniya S
Robin Thomas. T
Rakesh E
Rashmika B
BHARATVAJ G
Abinaya
Suja PM
Jabilo Jose J
Harshith P
Challa Charan
Javangula harshitha
Syed Thameemul Ansari
Nithin S
Ramananthan R
Avinash Raj

EVENT COORDINATOR

HOD/ECE