




**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**in association with**  
**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION**  
**ENGINEERS-SF**


**REPORT ON TRACKBOT**


The Department of Electronics and Communication Engineering in association with the Institution of Electronics and Telecommunication Engineers Student Forum of SVCE (IETE-SF) organised an event '**TRACKBOT**' on 13<sup>th</sup> February, 2024. The event was organised as an intercollegiate technical competition. TRACKBOT was aimed towards making the participants program a robot to follow the line and reach the destination. The objective is to follow a track with a black line and make use of a range of key cognitive skills including spatial learning and memory, decision making, and general reasoning ability among students.


<b>COMMENCEMENT OF THE EVENT</b>	13 <sup>th</sup> February, 2024 (9AM IST)
<b>END OF THE EVENT</b>	13 <sup>th</sup> February, 2024 (3PM IST)
<b>VENUE</b>	CB 532
<b>NO. OF TEAMS</b>	13
<b>NO. OF PARTICIPANTS</b>	39

**FLYER FOR THE EVENT:**

 **SVCE** | Sri Venkateswara  
College of  
Engineering

 **nirf**

 INSTITUTION'S  
INNOVATION  
COUNCIL

 IETE

**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
in association with  
**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS-  
STUDENTS' FORUM**



# TRACK BOT

Intercollegiate Technical Event


**TEAM OF 3**


**FEB 13  
2024**


**WIN  
EXCITING  
CASH PRIZES  
!!!**

**REGISTRATION FEE**  
 ₹ 75 (IETE MEMBERS)  
 ₹ 100 (NON-IETE MEMBERS)

**REGISTER NOW**



 **insta\_iete\_svce**

 **MUKESH S, SECRETARY (IETE) - +91 96290 31890**  
**SRIVARSHINI S, TREASURER (IETE) - +91 9176787796**

**PROPOSAL FOR THE EVENT:**



SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

in association with

THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS - STUDENTS FORUM

31-01-2024

Submitted to Principal through HoD- ECE

Respected sir,

On account of IETE students' Day celebrated on 1<sup>st</sup> February, 2024, we the students of IETE-Students' Forum of SVCE is planning to organize an intercollegiate event "TRACKBOT" on 13<sup>th</sup> February, 2024 at our college premises.

The event entails navigating a robot through a track, presenting a challenge for students to employ crucial cognitive skills such as spatial learning, memory, decision making, and overall reasoning abilities.

To facilitate the smooth organization of this event and to enhance the overall experience for participants, a nominal registration fee is collected to give cash awards and to carry out other expenses of the event.

We kindly request your approval to conduct this event.

VENUE: CB-531, CB-532

TIMING: 10:00 am to 2:30 pm

To The Principal  
Forwarded & Recommended  
for your approval pt.

Thank You.

T.J.J

G.A.S.K

Dr. T. J. Jeyaprabha  
ECEA, IETE & RAIC Coordinator

Dr. G.A Sathish Kumar  
HoD-ECE

To Dr. T.J.J  
M. Sreelakshmi  
2/2

\* As this is an IETE event which is organized every year on account of IETE Students' day at all ISF institutions. We are permitted to collect meagre\* registration fee for the event

To: HoD-ECE

Approved

S.P.  
2/2

\* What is meagre?

\* If attach the IETE rule

T.J.J [IETE coordinator]



**SRI VENKATESWARA COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Projected Expenditure towards TRACKBOT event of ECEA, IETE-SF & RAIC on 13/01/2024

Total number of participants: 20 teams\*3 = 60 (max)

Registration fee: IETE Members: Rs. 75 (per head)

Non - IETE Members: Rs. 100 (per head)

Expected amount through registration fee:  $30*75 + 30*100 = \text{Rs. } 5250/-$

Sl.No	Particulars	Amount spent in Rs.
1	Cash Prize (1 <sup>st</sup> prize 2000+2 <sup>nd</sup> prize 1000+ 3 <sup>rd</sup> prize 500)	3500
2	Certificates (Winners and runner ups + other college students)	500
3	Print (Track for bot)	750
4	Report	500
	<b>Total</b>	<b>Rs. 5250/-</b>

Dr. T. J. Jeyaprabha  
ECEA, IETE & RAIC Coordinator

Dr. G. A. Sathish Kumar  
HoD-ECE



## **ABOUT THE EVENT:**

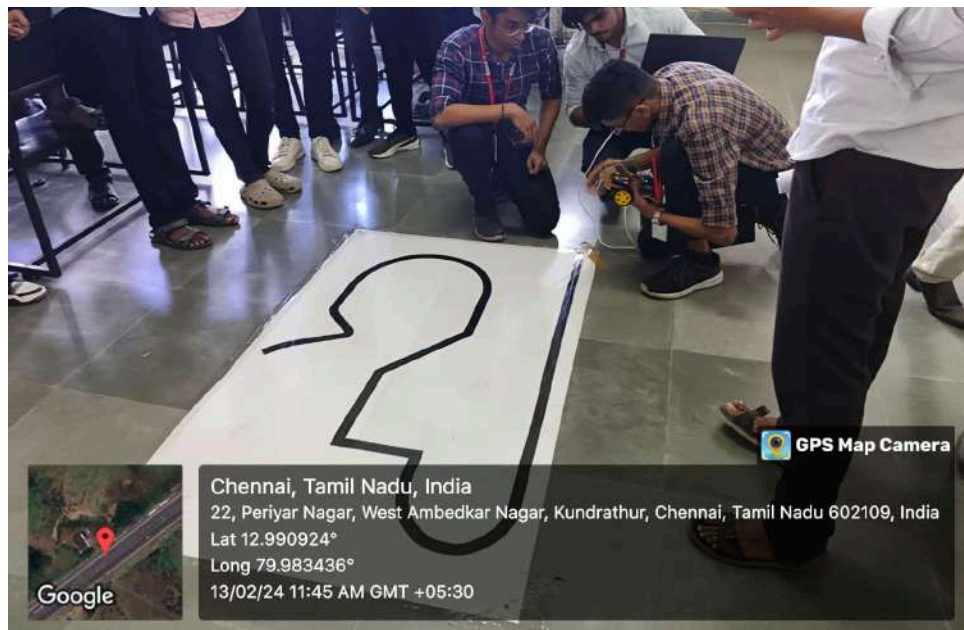
The event commenced with a special address of Dr.G.A.Sathish Kumar, Head of the Department, ECE. He also highlighted the importance of participating in various events apart from academics.

Dr.T.J.Jeyaprabha, Associate Professor, ECE Department, presented the message of IETE president about IETE Students Day. The rules of the event were explained to all participants by the office bearers. The performance of Trackbot was evaluated using two rounds. The participants were required to build a Line follower bot to follow the line and reach the destination. The judges for the Round 1 of the event were Dr.T.J.Jeyaprabha, Associate Professor, ECE Department and Mr.P.Arul, Assistant Professor, ECE Department. The Round 2 of the event commenced by 1.30PM with the length of the track being further increased. The judges of Round 2 of the event were Dr.T.J.Jeyaprabha, Associate Professor, ECE Department, Mr.S.P.Sivagnana Subramanian, Assistant Professor, ECE Department and Mrs.S.M.Mehzabeen, Assistant Professor, ECE Department. The winners were decided based on the shortest time duration, speed and accuracy of bot.



Dr.G.A.Sathish Kumar, Head Of the Department, ECE addressing the participants.

## SNAPSHOTS OF THE EVENT:



A team is preparing their bot to navigate the track.



Dr.T.J.Jeyaprabha is delivering the Valedictory address to the participants



The performance of a bot is being analysed in the Round 2 of the event



# ATTENDANCE SHEET:



**SVCE**

Sri Venkateswara  
College of  
Engineering



## TRACKBOT

DATE: 13.02.2024

VENUE: CB531

### Attendance Sheet

S.No	Team Member Name	College Name	Phone No.	Mail-ID	Signature
1.	Hanish Kumaran	SVCE	9500108625	2022ec0445@svce.ac	Hanish
	Aravindan	SVCE	7200085996	2022ec0289	Aravindan
	Hemanth	SVCE	8754579895	2022ec0440	Hemanth
2.	Aravind . S	SJIT	9600967368	aravindhsd@sjit.com	Aravind
	Bharath . K.V	SJIT	8220204915	kvenkateswara@sjit.com	Bharath
	Vansha . P	SVCE	8866701911	2022ec0186	Vansha
3.	Sandhya R	SVCE	9345180455	2022ec0258	Sandhya
	Sudhakar	SVCE	6274077321	2022ec0447	Sudhakar
	Rajeshwari . R	SVCE	9787675670	2021ec0326	Rajeshwari
4.	Nelvi Nayagam V	SVCE	7598180370	2021ec0290	Nelvi
	Raj Kumar S	SVCE	9150912499	2021ec0216	Raj Kumar
	Roshan M	SVCE	9841092274	2022ec0448@svce	Roshan
5.	Roobuck Rao	SVCE	8247204922	2022ec0157@	Roobuck
	Vikas B. G	SVCE	8525062231	2022ec0460@	Vikas
	Vijai	SVCE	9944793820	2022ec0019@	Vijai
6.	Shri Ram	SVCE	9994701787	2022ec0695@	Shri Ram
	Yaamin	SVCE	6380989594	2022ec0675@	Yaamin
	Ashish S	SVCE	7598702649	2021ec0235@	Ashish
7.	Aparajitha M	SVCE	8438289494	2021ec0279@svce	Aparajitha
	Danish	SVCE	9344115716	2021ec0936	Danish
	Shri Prakash A.V	SVCE	8778469984	2021ec0677@svce	Shri Prakash
8.	Saravesh A	SVCE	9382992002	2021ec0212@svce	Saravesh
	Saravesh P	SVCE	7358029500	2021ec0298@svce	Saravesh
	Aparish S	SVCE	7305990106	2022ec0486@svce	Aparish
9.	Ashray G	SVCE	9944071415	2022ec0046@svce	Ashray
	Aswin Kumar H	SVCE	7904064499	2022ec0470@svce	Aswin
	Bharath S	SJIT	7200386835	bharath@sjit.com	Bharath
10.	Aravind . S	SJIT	8825562769	aravind@sjit.com	Aravind
	Hemant . S	SJIT	9360259277	hemant@sjit.com	Hemant

narishnathan  
@gmail.com

	Deepa . A	SVCE	9487734018	2022EC0074@svce.ac.in	Deepa
11.	Chandika . V	SVCE	976561325	2022EC0040@svce.ac.in	Chandika
	Abriyana . S	SVCE	8072987417	2022EC0048@svce.ac.in	Abriyana
	Shanusuya . R	SVCE	9944830659	2022EC0753@svce.ac.in	Shanusuya
12.	Prathan . N	SVCE	7904955532	2022ad062@svce.ac.in	Prathan
	Aryana Suresh	SVCE	9003093558	2022e042@svce.ac.in	Aryana Suresh
	Aasthikamma . K	SVCE	8608175625	2022EC0872@svce.ac.in	Aasthikamma
13.	Ragul . K . K	SVCE	8122289779	2021EE0079@svce.ac.in	Ragul
	Gyari Raj . AV	SVCE	8838219713	2021EE0219@svce.ac.in	Gyari Raj
	Basath Raj . R	SVCE	6382024653	2021EE0919@svce.ac.in	Basath Raj

2-7

14.					
15.					
16.					
17.					
18.					
19.					
20.					

# SCORESHEET:

Mr. P. Arul

**S**ri Venkateswara  
**V**CE | Sri Venkateswara  
**C** College of  
**E** Engineering



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## TRACKBOT-SCORE SHEET

S.NO	TEAM LEADER NAME	SPEED (10)	DESIGN (10)	INTERRUPTION (10)	CONSISTENCY (10)	TOTAL (40)
1.	Hanifest KUMARAN	6	6	5	4	21
2.	Chandrasekaran	4	5	4	5	18
3.	Varsha.P	2	5	2	2	11
4.	Rajeshwaran.R	4	6	2	5	17
5.	Roshan.M	2	5	2	6	16

6.	Vijai	6	4	3	4	17
7.	Asritha.S	-	-	-	-	-
8.	Sri Prakash A.V	10	8	5	9	32
9.	Adarsh.S	4	3	2	3	12
10.	Bharath.S	10	7	4	10	31
11.	Chandrika.V	7	7	5	7	26
12.	Prathap.N	6	7	3	5	21
13.	Raghu.K.K	2	6	2	3	13 <del>17</del>
14.						
15.						

P. Arul  
12/02/2024  
(P. ARUL)



## WINNERS OF THE EVENT:

PLACE	NAME OF THE PARTICIPANTS	NAME OF THE COLLEGE
1 <sup>st</sup>	<ul style="list-style-type: none"><li>• Shiv Prakash A.V</li><li>• Sathish A</li><li>• Santhosh P</li></ul>	Sri Venkateswara College of Engineering
2 <sup>nd</sup>	<ul style="list-style-type: none"><li>• Prathan N</li><li>• Anjana Suresh</li><li>• Aarthi Kannan K</li></ul>	Sri Venkateswara College of Engineering
Special mention	<ul style="list-style-type: none"><li>• Deepa S</li><li>• Chandrika V</li><li>• Abinaya S</li><li>• Dhanushya R</li></ul>	Sri Venkateswara College of Engineering
Special mention	<ul style="list-style-type: none"><li>• Bharath S</li><li>• Azvaa Naaz</li><li>• Harish S</li></ul>	ST. Joseph Institute Of Technology.



**1st Place Winners: Santhosh P, Shiv Prakash A.V, Sathish A  
Sri Venkateswara College of Engineering**





**2nd Place Winners: Prathan N, Anjana Suresh, Aarthi Kannan. K  
Sri Venkateswara College of Engineering**



**Special mention: Bharath S, Azvaa Naaz S.A, Harish S  
ST. Joseph Institute Of Technology.**



**Special mention: Deepa A, Chandrika V, Abinaya S, Dhanushya R  
Sri Venkateswara College of Engineering**

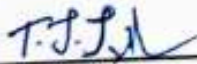


**ORGANISING COMMITTEE COMPRISING OF:**

**Chief Patron** : Dr.S.Ganesh Vaidyanathan, Principal  
**Convenor** : Dr.G.A.Sathish Kumar, Professor & HOD-ECE  
**Faculty Coordinators** : Dr.T.J.Jeyaprabha, ASP-ECE, ISF SVCE Coordinator  
Mr.S.Elangovan, AP-ECE, ISF SVCE Coordinator

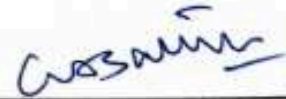
**IETESF SVCE COMPRISING OF:**

<b>Chairman</b>	: Ms.Mrdulla V Naarayan	(IV Year ECE B)
<b>Vice Chairman</b>		(IV Year ECE C)
<b>Student Coordinator</b>	: Mr.Sanjay Lokesh A M	(IV Year ECE C)
<b>Event Coordinator</b>	: Mr.Shashidar G	(III Year ECE B)
<b>Honorary Secretary</b>	: Mr.Mukesh S	(III Year ECE C)
<b>Honorary Treasurer</b>	: Mr.Srivarshini S	(III Year ECE A)
<b>Executive Members</b>	: Mr.Amarnath S	(III Year ECE A)
	Mr.Aadhithya Narayanan B	(III Year ECE B)
	Mr.Parvesh R	(III Year ECE B)
	Mr.Prabhu Dharshan R	(III Year ECE C)
	Ms.Subasree S S	(III Year ECE C)
	Mr.Umesh Anandh S	(II Year ECE A)
<b>Joint Secretary</b>	: Ms.Deepikashri	(II Year ECE B)
	Mr.Manoj Kumar K	(II Year ECE C)
	Mr.Tamil Nilavan S	



**Dr.T.J.Jeyaprabha**  
ASP, ECEA, IETESF, RAIC Coordinator

**Date : 23.02.2024**



**Dr.G.A.Sathish Kumar**  
Professor, HOD-ECE

**Report by:**  
Aadhithya Narayanan B  
(Executive Member, IETESF)