



SAKTHIVEL R AUT <rsakthivel@svce.ac.in>

Invitation for the National Level Technical Symposium TRAXION 2K21- Reg.

1 message

HoD-AUT, SVCE <hodae@svce.ac.in>

Fri, May 7, 2021 at 3:05 PM

To: Faculty Group <svcefaculty@svce.ac.in>

Cc: Dean Education Development <deaned@svce.ac.in>, RAVI G Aut <gravi@svce.ac.in>

Dear Sir/Madam,

The Department of Automobile Engineering and Association of Automobile Engineers cordially invite you for the Inaugural & Valedictory function of the **National level Technical Symposium "TRAXION-2K21" to be held on 10.05.2021 through online mode. The google meet link is given below for your reference.**

Link: <https://meet.google.com/krg-vfeb-faf>**Thanks and Regards,****Dr. J. Venkatesan**

Professor & Head - Department of Automobile Engineering

Dean (Students' Welfare)

Sri Venkateswara College of Engineering

Pennalur, Sriperumbudur Taluk - 602 117, India

Phone: +91-44-27152000 **Ext:** 450**Email:** jvenkat@svce.ac.in, hodae@svce.ac.in, deansw@svce.ac.inVirus-free. www.avg.com

2 attachments**Inaugural Traxion 2k21.pdf**

132K

**Valedictory Traxion 2k21.pdf**

128K

DEPARTMENT OF AUTOMOBILE ENGINEERING

&

ASSOCIATION OF AUTOMOBILE ENGINEERS

Solicit your esteemed presence for the

INAUGURAL FUNCTION

of

TRAXION '21

(A NATIONAL LEVEL ONLINE TECHNICAL SYMPOSIUM)

Inaugural Address

By

Mr. D.L. VIGNESHWAR

Lead Engineer

Vehicle Architecture

Mahindra & Mahindra

(Mahindra Research Valley)

Topic: Trends in Automobile Industry

Date: 10th May, 2021

Venue: meet.google.com/krq-vfeb-faf

Time: 09.00 A.M – 10.00 A.M

ALL ARE WELCOME

Inter Collegiate National Level Technical Symposium 2021

TRAXION '21

Programme Schedule

Prayer Song

Welcome Address

-

Mr. RAMAKRISHNAN L

President – AAE

Introduction of Chief Guest

-

Mr. G. RAVI

Assistant Professor

Automobile Engineering

SVCE

Inaugural Address

-

Mr D.L. VIGNESHWAR

Lead Engineer

Vehicle Architecture

Mahindra & Mahindra

(Mahindra Research Valley)

Honouring the Chief Guest

-

Dr. J. VENKATESAN

HoD, Automobile Engineering

SVCE

Vote of Thanks

-

Mr. SARAN RAJ S

Treasurer – AAE



DEPARTMENT OF AUTOMOBILE ENGINEERING
&

ASSOCIATION OF AUTOMOBILE ENGINEERS

Solicit your esteemed presence for the

VALEDICTORY FUNCTION

of

TRAXION '21

Chief Guest

Dr. K.S.BADRINATHAN

Professor, [Dean – Educational Development]

Department Of Mechanical Engineering

SVCE

Venue: Google meet <https://meet.google.com/dih-sctw-pue>

Date: 10th May, 2021

Time: 04.00 P.M – 04.30 P M

ALL ARE WELCOME

Inter Collegiate National Level Technical Symposium 2021

TRAXION '21

Programme Schedule

Welcome Address	-	Mr. MANOJ PRAKASHAN.M General Secretary – AAE
Introduction of Chief Guest	-	Mr. G. RAVI Assistant Professor Automobile Engineering SVCE
Inaugural Address	-	Dr. K.S.BADRINATHAN Professor Dean–[Educational Development] Dept. of Mechanical Engineering SVCE
Honouring the Chief Guest	-	Dr. J. VENKATESAN HoD, Automobile Engineering SVCE
Vote of Thanks	-	Mr. SARAN RAJ S Treasurer – AAE
National Anthem		



DEPARTMENT OF AUTOMOBILE ENGINEERING
NATIONAL LEVEL TECHNICAL SYMPOSIUM



TRAXION

10 MAY 2021



**GENERAL
SECRETARY**
MANOJ PRAKASHAN M
9884318809

TREASURER
SARAN RAJ
6374284054

DEPARTMENT OF **AUTOMOBILE** ENGINEERING
PRESENTS



TRAXION 2K21

CRANKING SOON
ON

MAY 10
2021

EVENTS

PART MODELLING
ASSEMBLY

WORKSHOP

LECTURE MEET

EUREKA

AUTO QUIZ

HOW THINGS
WORK?



SCAN
TO
REGISTER

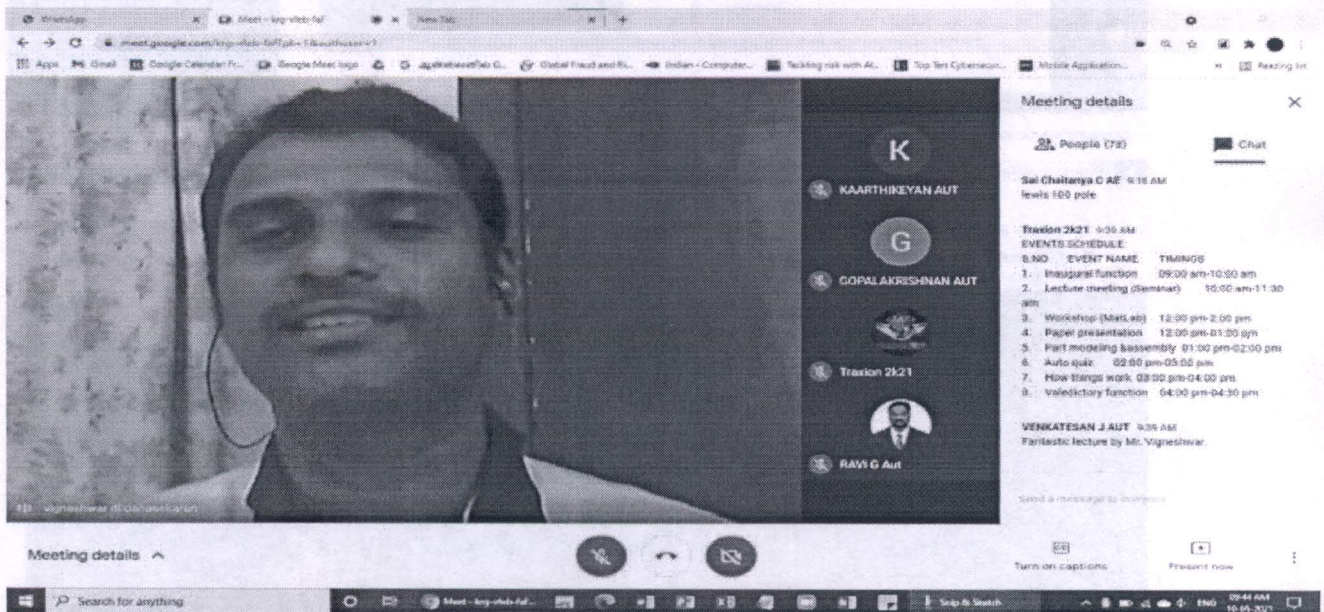
CONTACT MANOJ PRAKASHAN
98843 18809
SARAN RAJ
63742 84054

MORE INFO ON
 @traxion_2k21
 traxion2k21@gmail.com

SRI VENKATESWARA COLLEGE OF ENGINEERING
PENNALUR, SRIPERUMBUDUR-602117
Department Of Automobile Engineering
Traxion report- 2K21

Submitted to the Principal

The Department of Automobile has organized a one day National Level Technical Symposium on May 10th 2021 (online platform - Google meet). Thirty internal and forty external students from various colleges across the country registered for the event. The Chief guest Mr D.L.Vigneshwar (Lead Engineer, Vehicle architecture, Mahindra & Mahindra at Mahindra research valley) and the Head of the department Dr J. Venkatesan inaugurated the symposium at 9:00 A.M by lightening kuthu vilaku. The function started with the prayer song followed by the welcome address and chief guest introduction. A short presentation was given by the chief guest on the topic "Recent trends in Automotive technology". The AAE student treasure has given a vote of thanks for the event. The symposium coordinators announced the venue and timing for a different event.



Mr.D.L.Vigneshwar (Lead Engineer, Vehicle architecture) presented a lecture in the Traxion 2k21.

1. Eureka-PAPER PRESENTATION

The Technical event provides a platform to explain the ideas in the form of a paper presentation. The event started at 11.50 A.M through the online platform Google meet, and a total of 5 teams participated in the event. The event coordinator's Dr.S.Premnath (Associate Professor, Department of Automobile Engineering, SVCE) and Mr A. Balasubramanian (Assistant Professor, Department of Automobile Engineering, SVCE). The technical questions was asked to the team based on the presented topics. Finally, two teams were selected as first and second place and the winner's were awarded with gift prize

The screenshot shows a Google Meet window with a presentation slide titled "WORKING OF RFID". The slide content includes:

- RFID belongs to a group of technologies referred to as Automatic Identification and Data Capture (AIDC).
- AIDC methods automatically identify objects, collect data about them, and enter those data directly into computer systems with little or no human intervention.
- A basic RFID system consist of 3 components:
 - 1) RFID tag
 - 2) RFID reader
 - 3) ANTENNA

The RFID tag contains some information and the antenna transmits the data from the tag to the reader.

The presentation is being shared by Danish Riyardan Raj D. The meeting time is 12:48 PM. Other participants listed include Premnath S Ault, Solayappan S P AE, and Giridharan R AE.

Danish Riyardan Raj D presented paper in the event

The screenshot shows a Google Meet window with a presentation slide titled "BASIC LEVEL". The slide content includes:

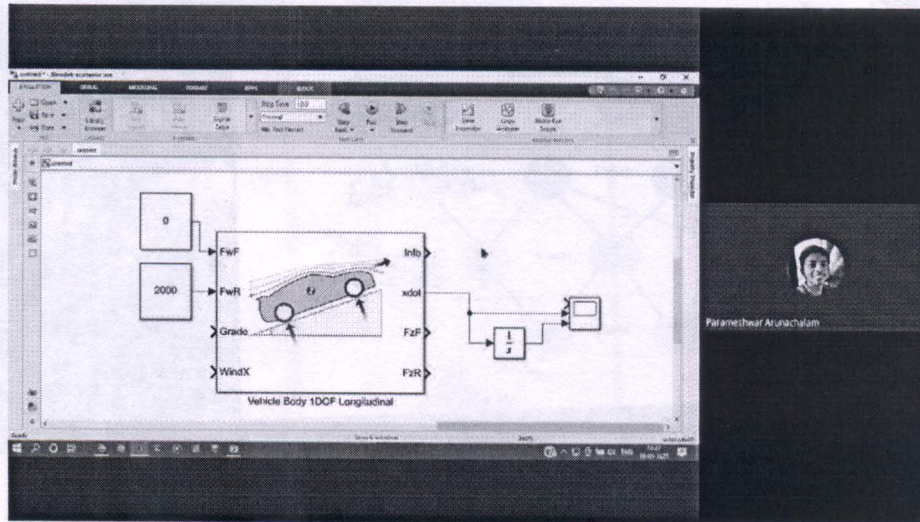
- Maintainly operated indicator
- Turning direction
- LEFT-Indicator ON
- RIGHT-Indicator ON
- Wheel direction: LEFT
- Wheel direction: RIGHT
- Potentiometer
- Process -1
- Process -2
- V1
- V2
- Indicator position: Indicator OFF

The presentation is being shared by Sudharsan Seshadri. The meeting time is 12:09 PM. Other participants listed include Premnath S Ault, Nithishvardan Ault, and Yuvraj R AE.

S. Sudharsan presented a topic in the event

3. WORKSHOP ON MATLAB

MATLAB is a tool used simulating various electrical networks. The recent developments in MATLAB make it a very competitive tool for Artificial Intelligence, Robotics, Image processing, Wireless communication, Machine learning, Data analytics and electric vehicles. The Automobile Engineering student utilize the software to solve a basic set of problems its application. The event coordinator Dr. V. Ganesh (Associate Professor, Department of Automobile Engineering, SVCE) handled the session with 75 participants from 12. P. M to 2. P.M.



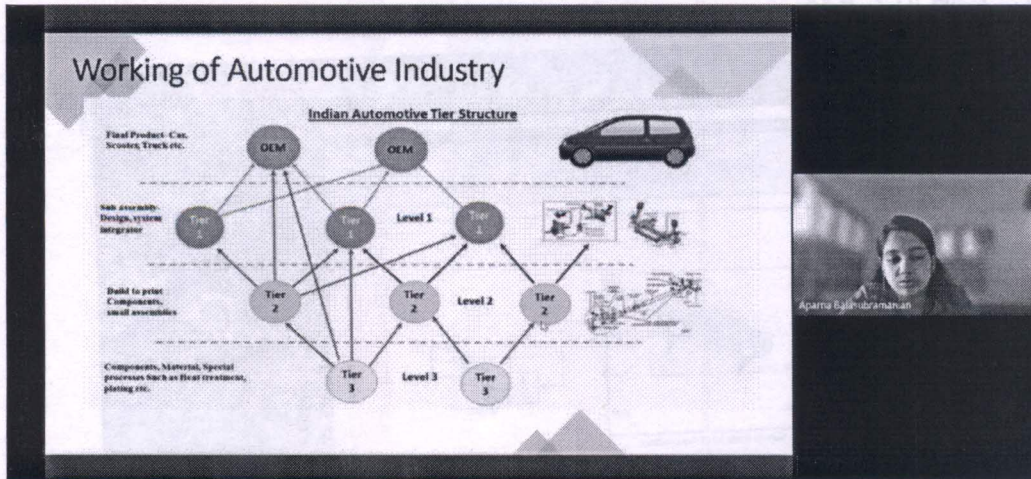
Dr.V. Ganesh handled the workshop during the symposium

4. PART MODELLING AND ASSEMBLY

Part Modeling and Assembly is an technical event organized in view of developing the students ability in modeling a automotive component. The event's objective is to design a 3D CAD model and assemble them according to the blueprints given to the participants. The event coordinator Mr. Ramanjaneyulu Kolla and Mr. R. Sakthivel (Assistant Professor, Department of Automobile Engineering, SVCE) started the competition by 12:50 P.M. First preliminary round was conducted for through google forms for 15 minutes. The top 5 scoring teams were allowed to proceed to final round of 3D modeling and assembling. Blueprint was shared as a downloadable link to the filtered teams and the final round started by 1:15 P. M. The judges requested the participants to share the screen and evaluated their capability.

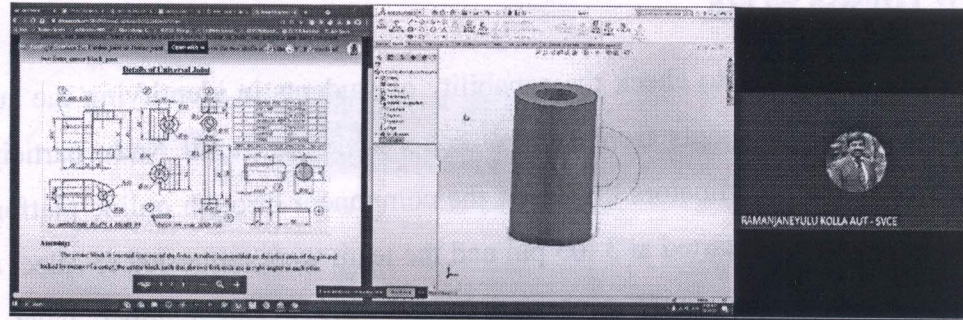
2. LECTURE MEETING

Ms. Aparna Balasubramanian, EM Design engineer.e - propelled system, Chennai presented a lecture on the topic "E-vehicles on various fields". The online lecture started through online google meet platform by 10. A.M and ended at 11.30 A.M. 85 students from different colleges participated the seminar. The event coordinator Mr. G. Ravi (Assistant professor, Department of Automobile Engineering, SVCE) coordinated the seminar.



Ms. Aparna Balasubramanian presented the lecture during the seminar.

Ms. Aparna Balasubramanian presented the lecture during the seminar



Modeling a components in the event

5. AUTOQUIZ

The event is intended to check the students capability in the recent development of automotive sector. Mr.J. Dhanabal (Assistant Professor, Department of Automobile Engineering, SVCE) was the mentor for the event. 61 students from different college participated the event. The event consisted of 2 rounds, the first round is multiple choice question and the google form test link for first round questions were posted in the Whats App group at 1:45 P.M. The short listed students from first round were allowed to attend the second round at 2:45 P.M. Finally the results were declared at the valedictory function.

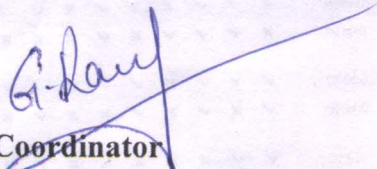
AUTO QUIZ Results															
Filter by name / partition by tag / group by name										Search	Export Print Grid • Response Grid	Audit Logs			
Average Score		Average Time		Responses			Score Histogram								
53%		0:11:11		61											
20% to 75%		0:00:37 to 0:15:03													
Name	Score	Started On	Finished On	Time	1	2	3	4	5	6	7	8	9	10	11
yuzarajan1953@gmail.com	25% (5/20)	2021-05-10 1:48 PM	2021-05-10 1:58 PM	0:09:57	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
Yuvraj.yuv4263@gmail.com	75% (15/20)	2021-05-10 1:53 PM	2021-05-10 2:08 PM	0:15:00	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Vishal.M.vishal.manickamo@gmail.com	40% (8/20)	2021-05-10 2:04 PM	2021-05-10 2:17 PM	0:12:05	✓	✓	✓	✗	✗	✗	✗	✗	✓	✗	✗
Vinitha.VR.vinitha13ramadass@gmail.com	40% (8/20)	2021-05-10 1:55 PM	2021-05-10 2:06 PM	0:11:09	✗	✓	✓	✗	✗	✓	✗	✓	✗	✗	✗
VENKAT RAMANATHAN.venkatramanathan.21meb@icet.ac.in	45% (9/20)	2021-05-10 1:52 PM	2021-05-10 1:57 PM	0:04:08	✗	✓	✓	✓	✗	✓	✗	✗	✗	✗	✓
VASEEKARANA - 2020ae0775@svce.ac.in	75% (15/20)	2021-05-10 1:49 PM	2021-05-10 1:58 PM	0:08:32	✓	✗	✓	✗	✓	✓	✗	✓	✓	✗	✓
V.R.Vibin.Prasad.vibinprasad13@gmail.com	40% (8/20)	2021-05-10 1:48 PM	2021-05-10 2:00 PM	0:12:30	✓	✗	✓	✗	✗	✗	✗	✓	✗	✓	✗
Thor.avengers123@gmail.com	50% (10/20)	2021-05-10 2:11 PM	2021-05-10 2:13 PM	0:02:03	✓	✓	✗	✗	✗	✗	✗	✓	✗	✓	✓
THIRUMENI.thirumenir5@gmail.com	30% (6/20)	2021-05-10 2:12 PM	2021-05-10 2:17 PM	0:05:16	✗	✗	✗	✓	✗	✗	✓	✗	✗	✗	✓
IHANUA SHREE M.thanujashree@gmail.com	65% (13/20)	2021-05-10 1:51 PM	2021-05-10 2:06 PM	0:14:50	✗	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓
Iarun.sec19it09@sairamtp.edu.in	70% (14/20)	2021-05-10 1:46 PM	2021-05-10 1:59 PM	0:12:39	✓	✓	✓	✓	✓	✗	✓	✗	✗	✗	✗
I.KAPILAN.tkapolan2001@gmail.com	45% (9/20)	2021-05-10 1:47 PM	2021-05-10 2:00 PM	0:13:11	✓	✗	✓	✗	✓	✗	✗	✗	✓	✓	✗

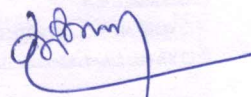
6. HOW THINGS WORK

The event is conducted to check the capability of students in identifying the automotive components. 32 participants from various colleges across Tamil Nadu participated the event. The student coordinators displayed the component through online platform Zoom meet. The event was started at 3 :05 pm and the team were requested to select a random numbers in the power point presentation, in which each number have different automotive component. "learn by play" method was followed in the event to know about few components. The winners of the event were listed below.

Following the inaugural function, the events were conducted by team TRAXION with the presence of the department faculties. With the completion of events the respective faculties concluded their decisions and the results were announced in the valedictory function.

The valedictory function was started at 4:00 P.M in the presence of Chief guest Prof. Dr. K.S.Badrinathan (Professor & Dean Educational Development, Department of Mechanical Engineering, SVCE) and Dr. J. Venkatesan (Professor & HoD Department of Automobile Engineering, SVCE). The Mr. Manoj Prakashan. M (General Secretary of Traxion2K21) welcomed the chief guests and the participants. The chief guest elaborated the role of students in developing the future society. The student coordinator announced the winners for all the events. A cash prize of Rs. 500 was given for the first price winners and participation certificate was issued to all the participants. Mr. Saranraj (Treasurer Traxion2K21) delivered the vote of thanks and finally Traxion 2K21 was concluded with the National anthem.


Coordinator
G Ravi
Assistant Professor
Department of Automobile Engineering


HOD/AUT

List of Participants- I year

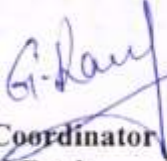
S.no	Register number	Student Name
1.	190101001	ABINESH V
2.	190101002	BALASUBRAMANI V
3.	190101003	BENNETT JOSEPH D
4.	190101004	DHANUSH S K
5.	190101005	DHARANI S
6.	190101006	GAUTHAM G
7.	190101007	GIRIDHARAN R
8.	190101008	GNANAPRAKASH S
9.	190101009	GOWTHAM S
10.	190101010	GUNASEELAN K
11.	190101011	GURUVIKNESH B
12.	190101012	HARIHARA SUDHAN R
13.	190101013	JANAKIRAMAN B
14.	190101014	JASPAR JEYANTH J
15.	190101015	KALARANJAN N
16.	190101016	KAVIN B
17.	190101017	KISHORE KUMAR M
18.	190101018	LOKESH K
19.	190101019	RAGUL M
20.	190101020	RIDDHIKA R
21.	190101021	ROHITH RAJA S
22.	190101022	SABARISH R
23.	190101023	SHIBICHAKARAVARTHY S
24.	190101024	SIVASANKARAN K
25.	190101025	SOLAIYAPPAN S P
26.	190101026	SRIRAM MURUGAPPAN M
27.	190101027	SUDHARSHAN K V
28.	190101028	SURIAPRASATH K
29.	190101029	TAMILARASU S
30.	190101030	THARUN P S
31.	190101031	UJWAL GOEL
32.	190101032	UMARALI A
33.	190101033	VAIGUNDHA VASAN P
34.	190101034	VIBIN PRASAD V R

35.	190101035	VIMAL P
36.	190101036	VISHWANTH R
37.	190101037	YOGESHWARAN R
38.	190101038	YUVARAJ R

List of participants -Second year

S.no	Register number	Student Name
1.	180101001	AAKASH MOHAN
2.	180101002	ANEESH SAI K.N
3.	180101003	ARIHANTH S S
4.	180101004	ARINDAM BALAJI RAO
5.	180101005	CHANDRU S
6.	180101006	DARSHAN SOMANI
7.	180101007	DHANUSH SRINIVASAN K
8.	180101008	DILIP KUMAR R
9.	180101009	FAREEZ KHAN R
10.	180101011	GIRIRAJAN M B
11.	180101012	GOPALAKRISHNAN E
12.	180101013	HARI PRASAD R
13.	180101014	JAI HARISH P C
14.	180101015	JAYAKAR K C
15.	180101016	JUSTIN JASPER C
16.	180101017	KAARTHIKEYAN S
17.	180101018	KAMALESH D
18.	180101019	KAMESH B
19.	180101020	KAUSHIK MS
20.	180101021	LOHITH S
21.	180101022	MANISH R
22.	180101023	MANOJ PRAKASHAN M
23.	180101025	NALLAMOTHU HARSHITH SAI
24.	180101026	NANDAGOPAL G
25.	180101028	NITESH R B
26.	180101029	NITHISHVARDAN A V J
27.	180101030	PADMASEKAR A
28.	180101031	PRAGALPHA J

29.	180101032	PRAJEETH S
30.	180101033	PUGHAZENTHI R
31.	180101034	RAMAKRISHNAN B.R
32.	180101035	ROSHAN KRISHNA S V
33.	180101036	SANJAY SARAN J
34.	180101037	SARANRAJ S
35.	180101038	SARATH KUMAR B
36.	180101039	SETHURAMAN BL
37.	180101040	SHANMUGA SUNDARAM S.P
38.	180101041	SHASANGAN PERUMAL S
39.	180101042	SHOAB AKTHAR J
40.	180101043	SHREE RAM VISHAAL S
41.	180101044	SRIRAM M
42.	180101045	SUDHARSAN S
43.	180101046	TAMILARASAN S
44.	180101047	VISHNU PRABHU K G
45.	180101048	YOKESH K
46.	180101049	YOKESH KUMAAR R
47.	180101301	BHAVAN SHANKAR S
48.	180101302	DHARUMARAJA D A
49.	180101303	GOKULAKRISHNAN E
50.	180101304	GOKULAN R
51.	180101305	GOVIND G
52.	180101306	GOWTHAM M
53.	180101307	MOHAMED THOUFEEQ H
54.	180101308	PIRIYADARSHAN U
55.	180101309	SAI CHAITANYA C
56.	180101310	SAMRAJ S
57.	180101311	SHYAM SUNDAR V
58.	180101312	VINOTHKUMAR P


Coordinator
G Ravi
Assistant Professor
Department of Automobile Engineering


HOD/AUT