



JEYA PRABHA T J ECE &lt;jprabha@svce.ac.in&gt;

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**Invitation for IETE Webinar Series 15 - reg.**

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JEYA PRABHA T J ECE <jprabha@svce.ac.in>  
To: HOD EC <hodec@svce.ac.in>

Wed, Aug 12, 2020 at 3:22 PM

Respected Sir,  
Kindly forward the IETE Webinar Series15 flyer to our faculty.

Thanks and regards  
SVCE ISF Coordinators

Dear All,

SVCE-ISF along with IETE-Chennai Centre is organizing the next webinar in the series. This is hosted by SVCE-ISF.

We invite you all to participate.


\*You can't teach people everything they need to know. The best you can do is position them where they can find what they need to know when they need to know it\*


\*-Seymour Papert\*


Hey guys,  
Greetings from Sri Venkateswara College of Engineering


\*IETE Chennai Center\* is conducting a Webinar series on **"Exploring IETE:Learn to listen opportunity could be knocking at your Door very Softly"**, with the collaboration of the Student Forums, Sri Venkateswara college of engineering, Jeppiaar Institute of Technology, Panimalar Institute of Technology, Easwari Engineering College, VelTech Multi Tech Dr RR SR Engineering College, SRM Institute of Science and technology.


This webinar series is to take a step towards exploring the opportunities in IETE Student Forum.

 **\*Topic:\***  
Electronic Control Unit for Heavy Duty Trucks

 **\*Date:\***  
14th August 2020

 **\*Timing:\***  
05:00 PM to 06:00 PM

 **\*Speaker:\***  
Mr.Nagesh.K.V  
Founder and Managing Director  
Data Care Systems

 **\*Note\***  
The participants must **\*attend the full session\*** and **\*fill the feedback form\*** which will be given during the session. The participants **\*will get their certificates only if they fill the Feedback form\***.

**\*Registration link: \***  
<https://tinyurl.com/ietewebinar15>

**\*Meeting link: \***  
<https://meet.google.com/wdf-jqeg-xxh>

Regards  
SVCE-ISF Coordinators

ISF SVCE

# REPORT –WEBINAR #15

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ELECTRONIC CONTROL UNIT FOR HEAVY DUTY TRUCKS

Mr.K.V.NAGESH

14/08/2020

The report is generated for the IETE Webinar series , Webinar #15, Conducted by IETE Chennai , in collaboration with ISF of SVCE and other colleges.



## **REPORT ON WEBINAR SERIES #15 ON “ELECTRONIC CONTROL UNIT FOR HEAVY DUTY TRUCKS” CONDUCTED BY IETE CHENNAI CENTRE**

The Webinar was coordinated by **SVCE-ISF** in association with **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

**SRM** **PANIMALAR** **EASWARI** **SRI VENKATESWARA COLLEGE OF ENGINEERING** **JEPPIAAR INSTITUTE OF TECHNOLOGY** **Vel Tech Multi Tech**

**IETE CHENNAI CENTRE**  
**IETE STUDENT FORUM**  
**EXPLORING IETE WEBINAR SERIES**

**WEBINAR # 15** **ELECTRONIC CONTROL UNIT FOR HEAVY DUTY TRUCKS**

**Mr.NAGESH.K.V.**  
**DATA CARE SYSTEMS**  
**FOUNDER & MANAGING DIRECTOR**

**14/08/2020** **5:00pm to 6:00pm**  
**Friday** **IST**

**REGISTER AT :**  
<https://tinyurl.com/ietewebinar15>

**MEETING LINK :**  
<https://meet.google.com/wdf-jaeg-xxh>

### **FLYER ON THE WEBINAR SERIES #15 BY SVCE-ECE-ISF**

The Webinar was conducted by **Mr.NAGESH.K.V** on **14/08/2020** from **5:00pm to 6:00pm**. There were **81 participants** who actively participated in the webinar.

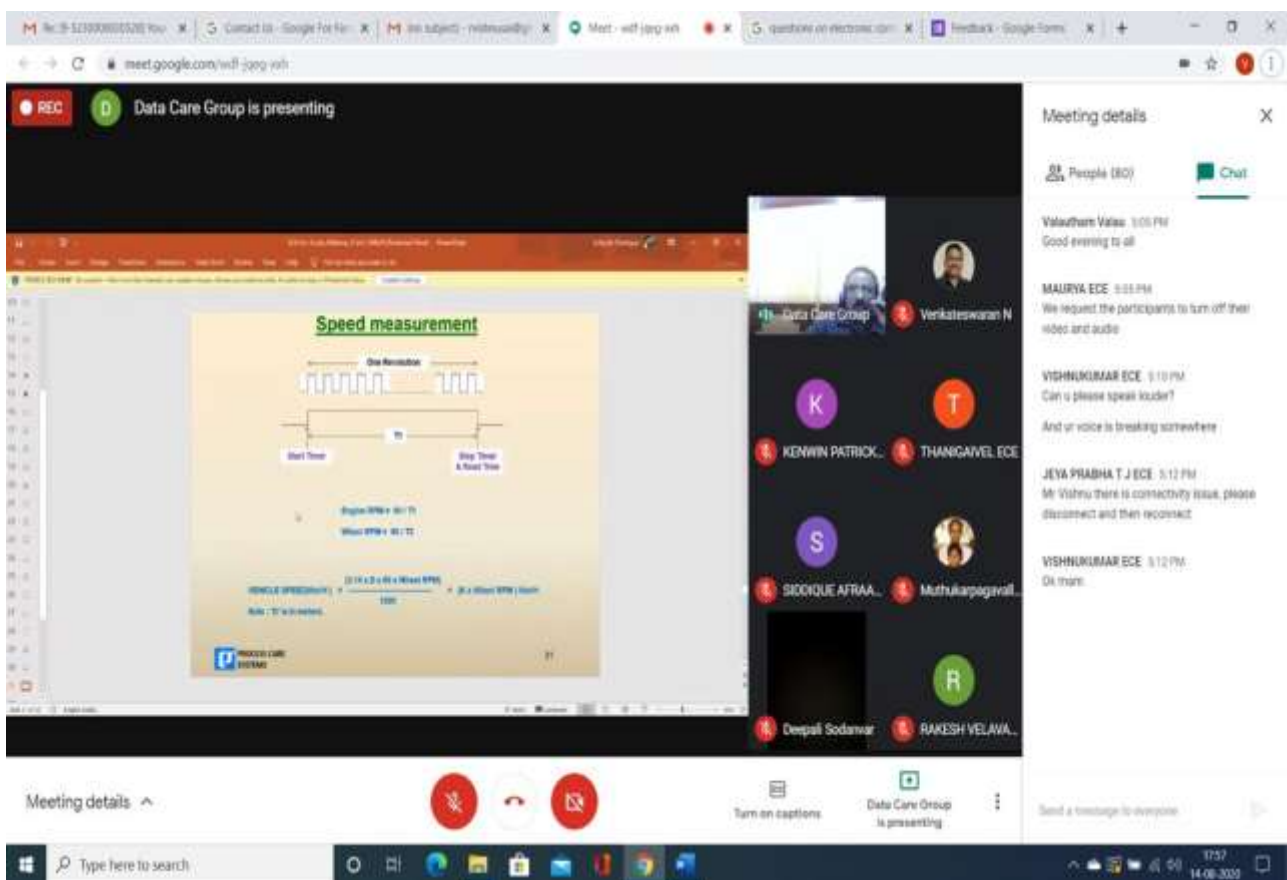
#### **Speaker introduction**

**Mr.NAGESH.K.V** is the **founder and managing** director of **Data Care Systems**. He has completed his Masters in the field of **Applied electronics** from **College of Engineering, Guindy, IETE STUDENT FORUM SVCE**

**Anna University.** He worked at the ISRO Satellite Centre for about 4 years as a scientist. He worked for a Pvt. Ltd. Company in R&D for 4 years. He actively worked on several projects for BHEL, BEML, ISRO, Railways, NTPC, BARC, HAL etc.

**Mr.Venkateswaran, Chairman IETE Chennai** addressed the welcome speech. **Mr.Thanigaivel, SVCE-ISF Honorary Treasurer** summarized the profile of the Chief Guest Speaker.

The Session progressed with the expert talk by **Mr.Nagesh K.V.** He delivered a detailed outlook on the topic “**Electronic Control Unit on Heavy duty trucks**”.



**Some of the Key learning from the webinar were:**

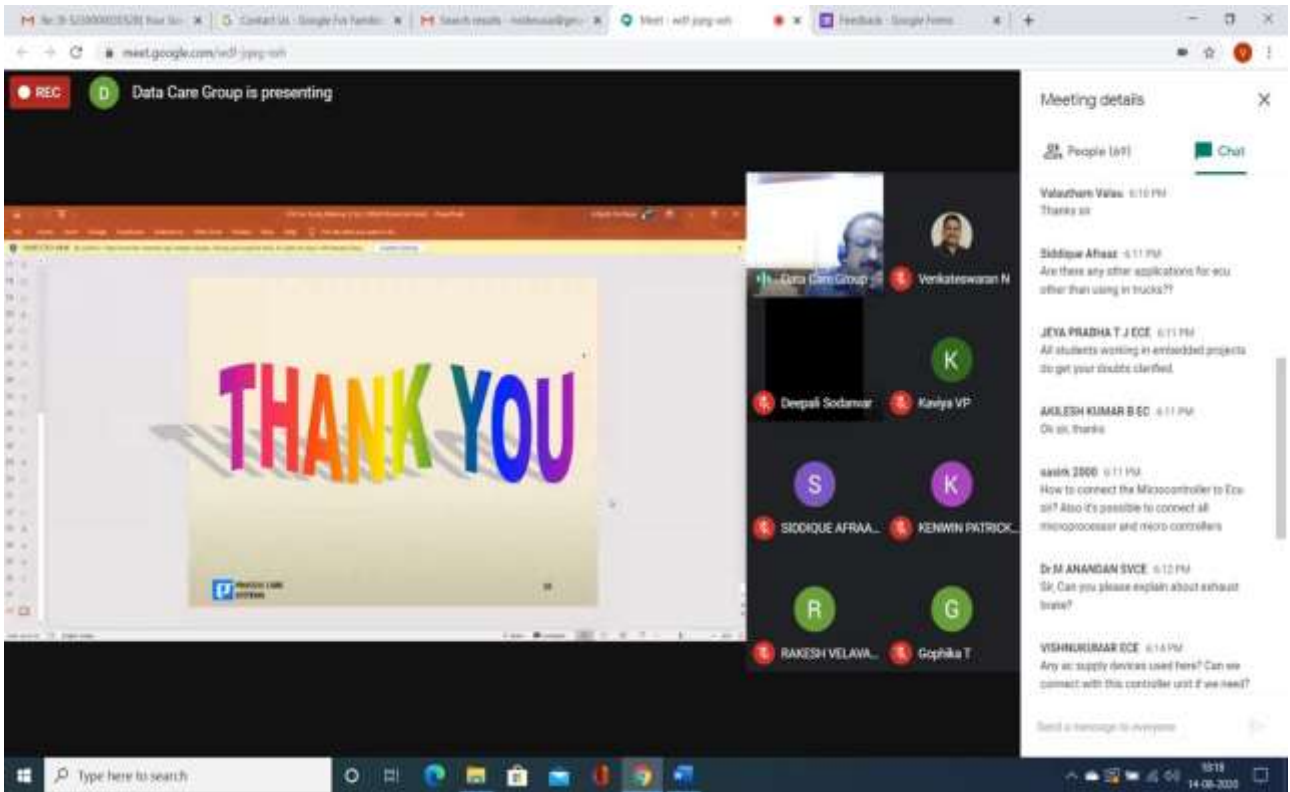
Types of sensors the electronic control unit performs , pictorial representation of the ECU were discussed initially.

The speaker then carried the session by discussing about the inputs and outputs of the ECU as well as the major roles of the parameters in the system.

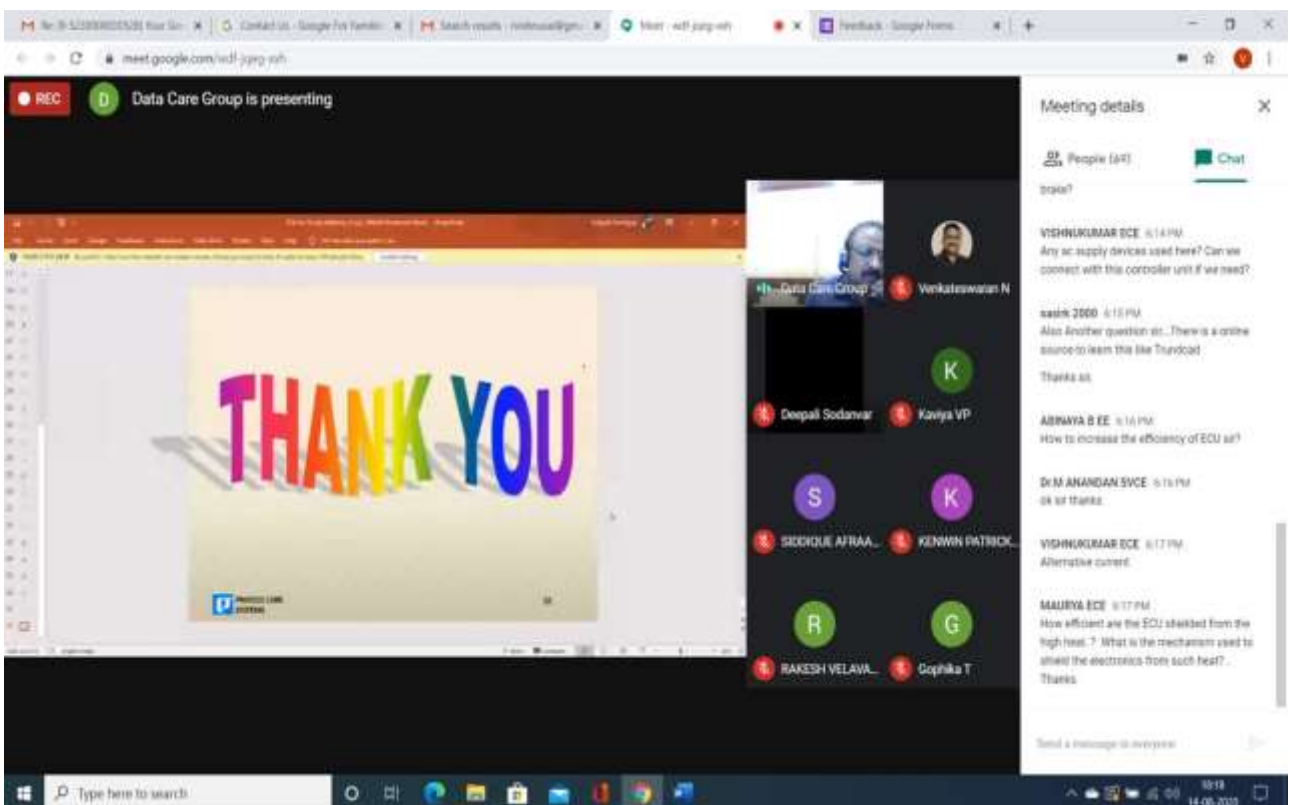
As the session moved on, interesting topics like Signal conditioner for Temperature, Pressure, and engine/vehicle speed were discussed.

Finally, the measurement of analog parameters, functional block diagram of the Alternator and processing of the collected data were discussed briefly.

**IETE STUDENT FORUM SVCE**



The session was very informative and enlightening. All the participants were captured by the knowledge portrayed by the chief guest speaker. The chief guest speaker was also keen on the “Q&A” session and answered the active queries put forth by the participants.



The session concluded with a “**Vote of Thanks**” delivered by **Mr. Maurya V, SVCE-ISF Chairman.**

**SVCE-ISF team comprising** of Ms.T.J.Jeyaprabha and Ms.D.Menaka,  
**SVCE-ISF coordinators,**

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

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

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

**SVCE-ISF Executive Members:**

Mr.Akilesh Kumar (II Year ECE),

Mr.Kenwin Patrick (II Year ECE),

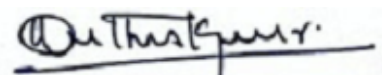
Mr.Siddique Afraaz (II Year ECE),

synchronized well in communicating the significance of the webinar to the SVCE student fraternity and coordinated for the successful execution of the event.

The organizing team was also praised by the Chief Guest speaker for planning and executing the webinar.



Co-ordinator



Head of the Department  
Electronics and Communication Engineering  
Sri Venkateswara College of Engineering  
Sriperumbudur - 602 117. India

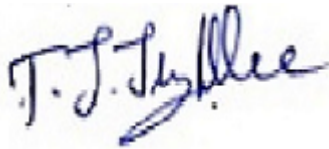
(2017-2021 batch)

Sl. No.	University / College Roll No	First Name	
1	170701001	Aakash K.S.J.	ECE
2	170701004	Abirami Sivakumar	ECE
3	170701007	Afridha M	ECE
4	170701008	Agela M	ECE
5	170701010	Ajgith Krishnan	ECE
6	170701012	AKSHAYA C. R	ECE
7	170701016	Anirudh Balaji	ECE
8	170701017	Anusmrthi J	ECE
9	170701018	Anvita Ashokkumar	ECE
10	170701023	Balaji M	ECE
11	170701024	Baskar Ganesarajaram	ECE
12	170701026	Bhuvaneshwari Chandrasekaran	ECE
13	170701028	DEEPAN R	ECE
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15	170701030	Dharmasurya A	ECE
16	170701031	Dhinesh Thyagarajan	ECE
17	170701032	DHYANESHWARAN N V	ECE
18	170701036	Gokulakrishnan K	ECE
19	170701038	S Gopalakrishnan Sundaramurthy	ECE
20	170701040	GUNDU PRAKASHAM Haranraj	ECE
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27	170701050	Jayashree J N	ECE
28	170701055	KAMALI N	ECE
29	170701056	Kamesh V	ECE
30	170701058	Kavwin Kailash N	ECE
31	170701059	Kavya E	ECE
32	170701060	KEERTHANA LAKSHMI KESAVAN	ECE
33	170701061	Keerthana Ramesh sankar	ECE
34	170701062	Keerthi Raj Dillibabu	ECE
35	170701063	Keshav E	ECE
36	170701064	Keslin M	ECE
37	170701068	Kiruthiga B	ECE
38	170701069	Kishore Kumar	ECE
39	170701070	Krishkumar S	ECE
40	170701072	Lakshmi Narayanan.R	ECE
41	170701073	LOGESHWARAN M	ECE
42	170701074	Lokesh S	ECE
43	170701075	Madhumitha S	ECE
44	170701078	MARY SHARON	ECE

45	170701084	Narendiran Arumugam	ECE
46	170701086	NELAKANTI SAI MOUNIKA	ECE
47	170701089	Nimmagadda V S A Bhargava Abhiram	ECE
48	170701091	Nisha Sunny	ECE
49	170701093	Nitish K	ECE
50	170701096	Prakash Chellapandian	ECE
51	170701099	Preetha G	ECE
52	170701101	Prem Raj S	ECE
53	170701102	Pritam A	ECE
54	170701103	Ragavi Annamalai	ECE
55	170701104	Rahil H Sakariya	ECE
56	170701105	Rahil Jain	ECE
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63	170701122	Santhosh S	ECE
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70	170701137	SUDHARSHAN HARIHARAN	ECE
71	170701138	Surya Narayanan	ECE
72	170701140	Swaathi C	ECE
73	170701141	Varun Tadimetri	ECE
74	170701142	Tarun B	ECE
75	170701143	Tarun Haris S	ECE
76	170701145	Thahib Zaman S	ECE
77	170701146	Tharik Riswan M	ECE
78	170701148	Thilak Praveen L	ECE
79	170701149	THIRUMURUGAN E	ECE
80	170701151	Venkatanarayanan Narayanan	ECE
81	170701152	AKSHAI VENUSUBA AKSHAI	ECE
82	170701153	Vignesh K	ECE
83	170701154	Vimal Raj P	ECE
84	170701155	Vinodhini s	ECE
85	170701156	Vinothini S	ECE
86	170701159	Ujwal Vuppalapati chenchu	ECE
87	170701303	ASWINI G	ECE
88	170701305	Bharath Kumar Venkatesan	ECE
89	170701309	Harish.S Sundar	ECE
90	170701310	Sharath N	ECE
91	170701158	Vivek	ECE
92	170701033	Freddy Immanuel. S	ECE



93	170701083	L.Nandha kumar	ECE
94	170701097	K. PRANAV KANNA	ECE
95	170701120	S.R Sakthi Saileshram	ECE
96	170701144	Tejwin Gehlot	ECE
97	170701121	Sandeep Pai	ECE
98	170701123	Santhosh vs	ECE
99	170701132	Siddharth J	ECE
100	170701147	Thejesh Chandar Roa	ECE



**Event Coordinator**



Head of the Department  
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