



# 2022 IEEE INAUGURAL

You are cordially invited for the  
Valedictory of the batch of 2020-21  
and Inaugural of the IEEE Student  
branch, SVCE for the year 2021-22.



**CHIEF GUEST**  
**JEBAS PAUL DANIEL**

Technical Staff Engineer  
Analog Design, Mixed Signal  
and Linear Division,  
Microchip India.

**GUEST LECTURE ON**  
**AUTOMOBILE - AN ELECTRONICS PLAYGROUND**

**IEEE STUDENT BRANCH CHAIRPERSON**

Dr.KR.Santha, Vice Principal, HoD/EEE

**FACULTY CO-ORDINATORS**

Dr.P.Jothilakshmi, Prof/ECE

Ms.S.Anitha, AP/EEE

Ms.C.Gomatheeswari Preethika, AP/ECE



**11 JANUARY 2022**  
**10.30 AM - 11.30 AM**



**SCAN TO  
JOIN MEETING**



## REPORT ON

### INAUGURATION – IEEE SVCE

The Inaugural ceremony of the academic year by the **Institute of Electrical and Electronics Engineers (IEEE)** Student Branch of Sri Venkateswara College of Engineering was conducted on 11th January 2022. The event was conducted online through google meet and had about 100 participants and went on for an hour.

The Inaugural ceremony commenced with Tamil Thai Vazhthu. **Ms.Anushri M**, 3rd year EEE hosted the whole event. The Chief Guest, **Mr.Jebas Paul Daniel**, Technical Staff Engineer, Microchip India, was welcomed cordially by **Ms.Abinaya B**, Final Year ECE. Then the Assistant HOD of the EEE department, **Dr. Sudhakar K Bharatan**, addressed our honorable Chief guest. This was followed by the presentation of the Annual report of IEEE SVCE for the year 2020-2021 by **Dr.P.Jothilakshmi**, Prof/ECE Dept.

Then, the **Introduction for Valedictorians and New members** was given by **Ms.Anitha S**, Asst.Professor/EEE. **The past President and Secretary of IEEE SVCE** Student Chapter(2020-21), **Mr.Keshav E** and **Mr.Ronak K** congratulated the valedictorians and the new members. This was followed by an introductory speech of our Chief guest by **Mr.Adithyan M**, 3rd year EEE.

The Chief guest started his speech by thanking the people who facilitated him with this opportunity and gave a brief introduction of himself.

He gave a brief guest lecture on the topic '**Automobile - An electronics playground**'; he started his speech with a short note on different developing sectors and spoke about different approaches in Car manufacturing. It passed the participants a lot of information revolving



around the role of electronics in the Automobile sector. Finally, he concluded his lecture by talking about the market trends and job opportunities in this sector. Then there was a questionnaire during which the participants cleared their doubts with the speaker.

This was followed by a vote of thanks by **Ms.Swetha G M**, Final year EEE.

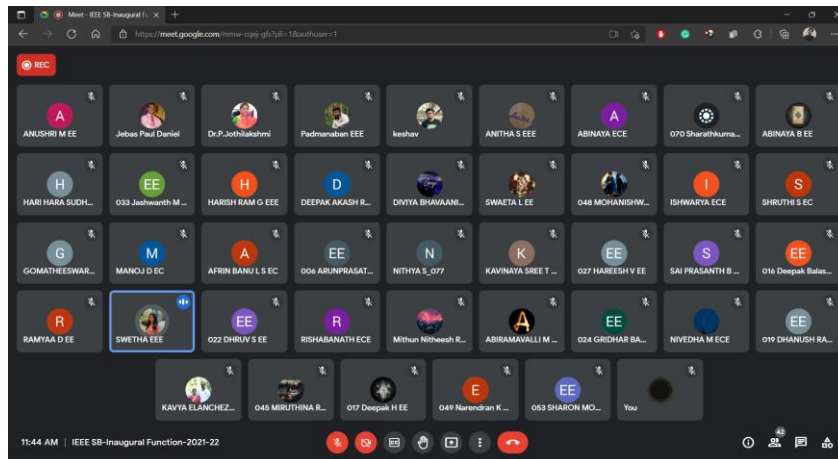
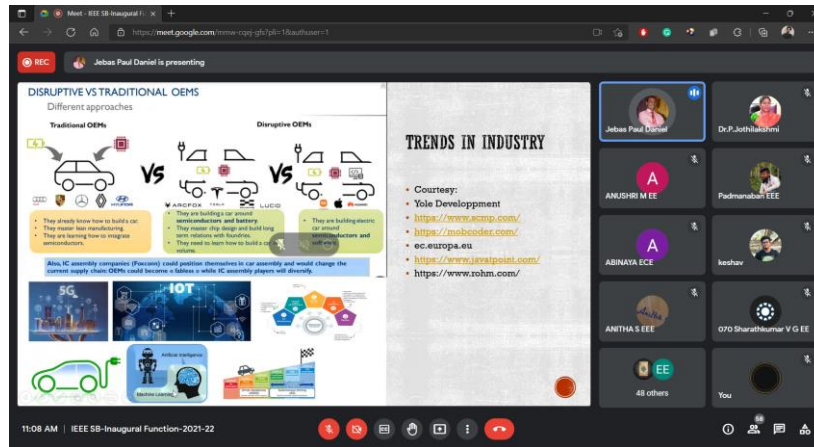
## GUEST LECTURE- AUTOMOBILE - AN ELECTRONICS PLAYGROUND

The Chief Guest, **Mr.Jebas Paul Daniel**, Technical Staff Engineer, Microchip India, gave a brief guest lecture on the theme, **Automobile - An electronics playground**. He started his speech with a short note on different developing sectors and spoke about different approaches in Car manufacturing. He started his lecture with the importance of Industrialization in this 21st Century which increased the **involvement of electronics** in the Assembling and Manufacturing sector. In his view, **Automation** in these processes is the main reason for the increase in the use of electronics. Since semiconductors play a vital role in electronics, he explained the job opportunities in the **Semiconductor industries** and also advised the students to join such companies for a better future. Then he briefed about the different approaches in the Automobile industry.

His speech continued with glimpses on other developing sectors related to the updating Automobile industry, such as 5G, IoT, Datacenter, E-vehicles, AI & ML, and Autonomous driving. His main lecture had many essential pieces of information on the Automotive sector, such as Revenue slope in Semiconductor sales, Automotive sales & revenue Landscape, IC's, and Design signal flow. Some of his notable words were about Different technological trends in Automotive IC's and Analog Mixed-Signal Design Flow. Then he listed out the opportunities awaiting for the engineering graduates who are all interested in this field and guided the viewers on how to grab such opportunities based on their interest. Finally, he concluded his lecture by talking about the market trends. Then there



was a questionnaire during which the participants cleared their doubts with the speaker.



2020 AUTOMOTIVE LANDSCAPE – MAIN PLAYERS' VOLUME SOLD IN MUNIT

**TOTAL: 62.2M**

On January 16, 2021, PSA and FCA finalized their merger. The new structure has taken the name of Stellantis.

**AUTOMOTIVE SALES**

Courtesy: Yole Development

You may see names like, Apple, Mi, Huawei in the future!!!

11:13 AM | IEEE SB- Inaugural Function-2021-22

*K.R. Sarin*

HoD/EEE



## LIST OF PARTICIPANTS

1. VIJAYASARATHY S
2. DR.P.JOTHILAKSHMI
3. KESHAV E
4. GEETHA P
5. ADITYA U TAWKER
6. AFRIN BANU L S
7. AMIRTA JOSNA B
8. DEEPAK AKASH RAJ T
9. DHIVYA BHARATHI S
10. GOKUL R
11. MANOJ D
12. MITHUN NITHEESH ROGAN
13. SHRILEKHA J
14. SHRUTHI S
15. ABINAYA
16. AJAYKUMAR A J
17. AKASH B
18. ANISH KRISHNAN
19. ARAVIND M
20. ARTHIYA N G
21. ARUNACHALAM S
22. ASHISH S
23. BALAJI
24. DEEPIKA
25. DEEPIKA S
26. DEREK ANTONY FERNANDO P
27. DIRAJ A
28. GOGULAPRIYA A
29. GOMATHEESWARI PREETHIKA C
30. ISHWARYA
31. KANISH SURYA V
32. MADHAVRAM
33. MADHUMITHA V
34. NIVEDHA M



35. RISHABANATH
36. SANTHOSH KUMAR P
37. AJAY ROHITH
38. ARAVIND S
39. ARUNPRASATH N
40. AUGUSTIN A
41. DEEPAK BALASUBRAMANIAN P
42. DEEPAK H
43. DHANUSH RAGAV P
44. DHRUV S
45. GRIDHAR BABU S
46. HAREESH V
47. HIRTHIC KUMAR S
48. JASHWANTH M V
49. JASSIM AHMED R
50. JAYAKRISHNA D N
51. JERIN M
52. MIRUTHINA RASHMI S
53. MOHANISHWAR K
54. SHARON MONISHA P
55. ABINAYA B
56. ABIRAMAVALLI M
57. ADITHYAN M
58. ANUSHRI M
59. DINESH KUMAR P
60. DIVIYA BHAVAANI M B
61. HARI HARA SUDHAN P
62. LATHISHKUMAR K M
63. NIRMAL R
64. RAMYAA D
65. SWAETA L
66. NARENDRAN K
67. SABARIESWARAN
68. ABHISHEK N
69. ANITHA S
70. BARATH S N



71. CHANDIRAPRIYAN K
72. DEEPAKRAJ N R
73. DEEPIKA DHAVAMOORTHY
74. HARI ASHWIN S
75. HARISH RAM G
76. HEMARUPHAN S
77. INFANT VIMAL M
78. JAIGANESH B
79. KAVINAYA SREE T
80. KEERTHISVAR S
81. MANOCHANDAR C
82. MOHAMED NOWFUL A
83. NAVEENKUMAR E
84. NAWRAS AHAMED N
85. PADMANABAN
86. RAMYA R
87. RONA K
88. SAI PRASANTH B L
89. SARAVANAKUMAR N
90. SOURISH S
91. SUDHAKAR K B
92. SURUTHIGHA S K
93. SWETHA
94. KAVYA
95. NITHYA
96. HARSHINI
97. GEETHA
98. SHARATHKUMAR V G

*K.R. Sarul*

HoD/EEE





## SPEAKER'S PROFILE

**Mr. Jebas Paul Daniel**, Technical Staff Engineer, Microchip India, is now working as a '**Technical staff Analog design engineer**' in Inductive Sensors Group, Microchip India. His total experience as an Analog design engineer is approximately 10.5 years. He has led a team to execute mixed-signal ASIC Designs used in the automotive industry. His responsibilities are architectural selection & analysis, Design of analog blocks, creating the models for top-level AMS verification, guiding the layout engineers, handling EMIR and SOA checks, EMI/EMC simulations, and the Design evaluation of chips in the laboratory. All the products he has worked on are ready for sampling in the first tape-out. He has also designed various Analog ICs in different process nodes varied from 22nm FD-SOI to 350nm BCD Process during the course of his career. He has interacted with the packaging team for fixing pad locations, PR boundaries, and choosing the packages. Also, he has a fair idea of ATE as he was helping them to develop their test environment. Occasionally, he supported the WIFI group to design CMOS only Bias modules & Data Converters.



## STUDENT FEEDBACKS

Full name	Mail Id	Register no.	Year	Section	Level of satisfaction on this lecture?	Rate (1-5)	Which elements did you like the most?	Are you likely to attend our forthcoming events?
Mohanishwar.K	2020ee0634@svce.ac.in	200601048	2	B	Very Satisfied	5	The entire event was thought provoking and got many insights pertaining to electronics.	Yes
Sharathkumar V G	2020ee0069@svce.ac.in	2127200601069	2	B	Very Satisfied	4	Role of electronics in automobile	Yes
ANUSHRI M	2019ee0171@svce.ac.in	190601009	3	A	Very Satisfied	5	Was easy to understand	Yes
Miruthina Rashmi S	2020ee0074@svce.ac.in	200601045	2	B	Very Satisfied	5	The overall lecture was intriguing and informative.	Yes
Dhanush Ragav P	2020ee0490@svce.ac.in	2127200601019	2	A	Very Satisfied	5	Speaker presented everything clearly So it is very easy to understand.	Yes
Ramyaa D	2019ee0038@svce.ac.in	190601065	3	B	Very Satisfied	4	I liked the webinar portion, quite informative.	Yes
Swaeta L	2019ee0039@svce.ac.in	190601082	3	B	Satisfied	5	The discussion on industrial trends and OEMS was very informative and useful	Yes
Hari hara sudhan P	2019ee0352@svce.ac.in	190601025	3	A	Satisfied	3	I like the content	Yes

