



RAVI G Aut &lt;gravi@svce.ac.in&gt;

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**Webinar on "Robotics Principles and Applications in Automotive Manufacturing"-  
Reg**

3 messages

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**RAVI G Aut** <gravi@svce.ac.in>  
To: Hod Aut <hodae@svce.ac.in>

Tue, Jun 16, 2020 at 7:19 PM

Dear Sir  
Kindly forward this mail to all faculty members of SVCE.

Dear Sir/Madam,  
We wish to convey that the Department of Automobile Engineering is organizing a Live Webinar on "Robotics Principles and Applications in Automotive Manufacturing" for the benefit of students and faculty members. The brochure is enclosed for your reference.

**Expert: Mr. Arivukkarasan Raja,  
Delivery Manager - Healthcare & Life Sciences,  
NTT DATA Services, Chennai.**

Date & Time: 18-06-2020, 2.00 p.m. to 3.00 p.m.


**Registration link:** <https://forms.gle/sJ7MA64v2394iJv27>

The Webinar link will be sent to the participants through registered mail ID one hour before the commencement of the session. After the submission of feedback, E-certificate will be provided to all the participants.

We cordially invite all students and faculty members of SVCE to participate in this live Webinar.

With Regards  
Ravi G  
Assistant Professor  
Department of Automobile Engineering  
SVCE

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 **SVCE Webinar on Robotics principles and applications in Automotive manufacturing.pdf**  
997K

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**HoD AUT** <hodae@svce.ac.in>  
To: Faculty Group <svcefaculty@svce.ac.in>  
Cc: ARUN PRAKASH <arunprakash@svce.ac.in>, HODs Group <hod@svce.ac.in>, Principal SVCE <principal@svce.ac.in>, Secretary SVCE <secretary@svce.ac.in>

Tue, Jun 16, 2020 at 8:26 PM

**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](mailto:jvenkat@svce.ac.in), [hodae@svce.ac.in](mailto:hodae@svce.ac.in), [deansw@svce.ac.in](mailto:deansw@svce.ac.in)  
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## SRI VENKATESWARA COLLEGE OF ENGINEERING

[AUTONOMOUS - AFFILIATED TO ANNA UNIVERSITY]

PENNALUR, SRIPERUMBUDUR TK – 602 117, TAMIL NADU



### Mr. Arivukkarasan Raja

Delivery Manager  
Healthcare & Life Sciences  
NTT DATA Services, Chennai.

Live Webinar  
on

## Robotics Principles and Applications in Automotive Manufacturing

2.00 PM to 3.00 PM, June 18, 2020

For Registration

<https://forms.gle/sj7MA64v2394ijv27>

(or)

Scan the QR



Organized  
by

Department of Automobile Engineering

E – Certificate will be issued to all the participants

No Registration Fee

### Contact Person

Mr. K. Paul Durai  
Mail: [pauldurai@svce.ac.in](mailto:pauldurai@svce.ac.in)  
Mobile : +91 94444 65780

### Coordinators

Mr. K. Paul Durai  
Mr. G. Ravi  
Mr. Ramanjaneyulu Kolla

### Convenor

Dr. J. Venkatesan  
Professor & Head

**SRI VENKATESWARA COLLEGE OF ENGINEERING (SVCE)**  
**PENNALUR, SRIPERUMBUDUR-602117**  
**Department Of Automobile Engineering**  
**Online Webinar Report**

**Date : 18/06/2020**

**Time: 2.00 pm-3.00 pm**

**Guest Name:** Mr. Arivukkarasan Raja, delivery manager, Health care & Life sciences, NTT DATA Services, Chennai.

**Topic:** Robotics principles and Applications in Automotive Manufacturing

**Objectives.** Robots are used in nearly every part of automotive manufacturing in one way or another, and it remains as one of the most highly automated supply chains in the world. This webinar narrates the usage of the robots in welding, assembly line, material removal processing.

**About the programme:**

Dr. J. Venkatesan, Hod/Automobile Engineering inaugurated the online webminar and addressed the needs & importance of program.. 85 students from final year and third year automobile engineering students participated the online webinar. The chief guest introduction was given the Mr.G. Ravi, Assistant Professor, and Department of Automobile Engineering. The Chief guest started the talk with presentation expressing the importance of robotics in the emerging automotive manufacturing process. There are plenty of applications that robots are involved in the industry, hence in this webinar the chief gust elaborated the 5 most common and valuable application used in the Automotive industry and the same was listed below.

**Collaborative Robots**

In the manufacturing line there are more than one robots are built and are made to work collaborative for a defined task. These robots must collaborative handle between welding and machining process.

**Robotic Painting**

The professional painters are affected by toxic gases evolved by painting process and the amount of waste material and time the same can be reduced when robots utilized in painting process.

**Robotic Welding**

In automotive manufacturing process there are more number of welds that have to be welded in an car and if a profession does the same work the accuracy and time is increased. Hence this can be avoided by utilizing the robots.

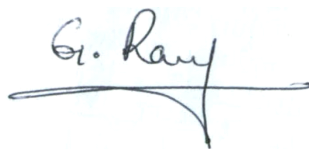
### **Robotic Assembly**

In many automotive manufacturing companies robots are used to install small pumps and components at high speed. The high accuracy can be achieved only if robots were utilized.

### **Material Removal**

The robots perform perfect removal process like trimming and cutting This can be easily achieved by using robots

The guest completed the lecture by 3.00 pm and the students interacted with the guest. The chief guest patently addressed the queries raised by the guest. The program feed-back was collected from the participants at the end of the program and e-certificates were issued to all the participants.

A handwritten signature in black ink that reads "G. Ray". The signature is written in a cursive style with a long horizontal stroke extending to the right.

**Coordinator**

A handwritten signature in blue ink. The signature is cursive and appears to read "J. Goswami". It has a similar horizontal stroke to the signature above.

**Hod/AUT**

### Attendance for the Online webinar

S.No	Name	Join & Leave Times
1	Kumaraswamy Aluru	3:07 PM - 3:09 PM
2	RAMANJANEYULU KOLLA	3:10 PM - 3:16 PM
3	Vignesh	2:25 PM - 2:29 PM
4	Manoj Kumar Rajendran	2:26 PM - 3:05 PM
5	Riddhika R	2:26 PM - 2:56 PM
6	Yukesh M	2:27 PM - 3:07 PM
7	GNANAPRAKASH.S	2:27 PM - 3:05 PM
8	sudharsan ananth	2:31 PM - 3:16 PM
9	Vignesh	2:32 PM - 2:33 PM
10	R. PUGHAZENTHI	2:39 PM - 2:40 PM
11	Gowtham. M	2:41 PM - 2:59 PM
12	Raja S A	2:44 PM - 2:58 PM
13	Jeyaprabha T J	2:45 PM - 3:09 PM
14	Vignesh	2:46 PM - 3:16 PM
15	BALASUBRAMANI.V	2:51 PM - 3:06 PM
16	kiran k k	2:51 PM - 3:16 PM
17	JASPARJEYANTHJ	2:51 PM - 2:58 PM
18	Ajay Govindarajan	2:04 PM - 2:07 PM
19	R. PUGHAZENTHI	2:05 PM - 2:29 PM
20	SUMANT A	2:05 PM - 2:23 PM
21	Nishal. M	2:06 PM - 3:04 PM
22	sambandom kalidoss	3:15 PM - 3:16 PM
23	Ajay Govindarajan	2:08 PM - 2:50 PM
24	Kumaraswamy Aluru	3:13 PM - 3:16 PM
25	Ram Prasad	2:11 PM - 3:16 PM
26	Gokulan.R	3:06 PM - 3:15 PM
27	Vishwanth	2:11 PM - 2:36 PM
28	K.C.jayakar	2:12 PM - 3:09 PM
29	Nithin G	2:58 PM - 3:13 PM
30	Dhanabal	2:13 PM - 3:16 PM
31	BHASKARAN Arumugam	2:56 PM - 3:08 PM
32	Riddhika R	2:13 PM - 2:14 PM
33	Bharath	2:55 PM - 3:04 PM
34	Lokesh K	2:13 PM - 3:06 PM
35	JONY deruze	2:54 PM - 2:58 PM
36	Riddhika R	2:15 PM - 2:26 PM
37	JONY dcruze	2:49 PM - 2:51 PM
38	Rohit Aradhya	2:18 PM - 3:11 PM
39	Vishwanth	2:47 PM - 3:04 PM

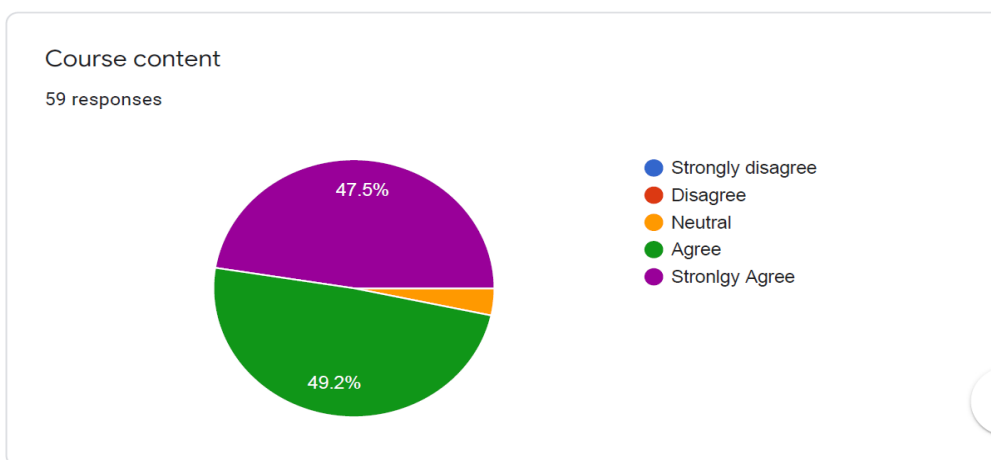
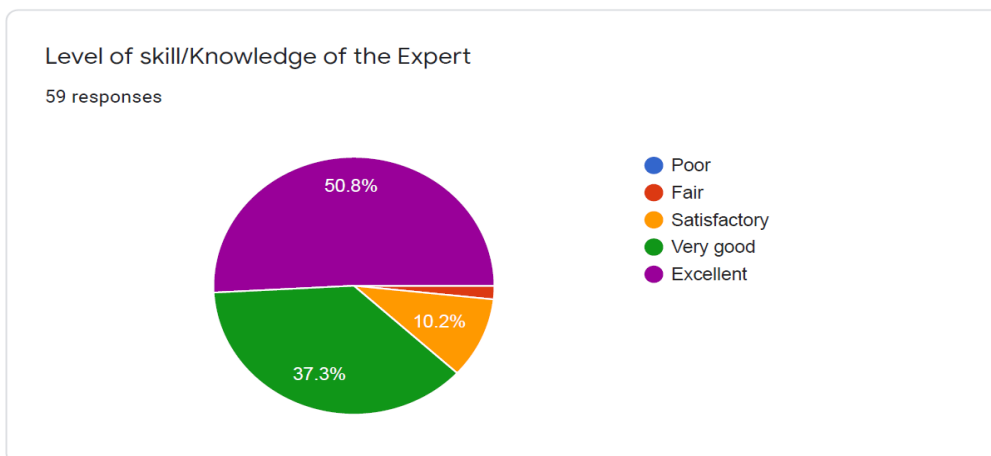
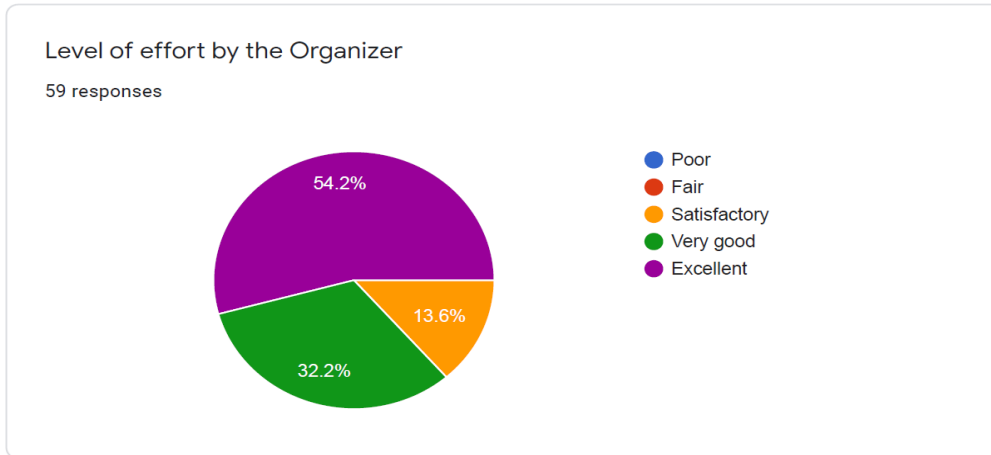
40	JONY dcruze	2:44 PM - 2:48 PM
41	SAKTHIVEL R SVCE	2:20 PM - 3:16 PM
42	Gowtham P	2:44 PM - 3:04 PM
43	Giriharan R	2:23 PM - 3:03 PM
44	Gowtham N	1:49 PM - 1:50 PM
45	Boobalaseshthilraj A K	1:50 PM - 3:16 PM
46	Srividhya K	1:50 PM - 3:06 PM
47	paul durai	1:50 PM - 3:16 PM
48	BALASUBRAMANI.V	1:53 PM - 2:20 PM
49	Sriram Murugappan M	1:53 PM - 3:09 PM
50	Vibin Prasad.V.R	1:56 PM - 3:04 PM
51	Poovarasan	1:59 PM - 2:57 PM
52	ANURADHA	2:00 PM - 2:59 PM
53	D.Staines Samuel	2:01 PM - 2:05 PM
54	Duraisamy jayakumar	2:01 PM - 3:12 PM
55	vishwanth	2:02 PM - 2:07 PM
56	Vengadanathan GV	1:59 PM - 3:16 PM
57	Ramandeep Kaur	1:59 PM - 3:10 PM
58	KISHORE KUMAR M	1:59 PM - 3:08 PM
59	J. Venkatesan	1:58 PM - 2:06 PM
60	Raahul G	1:57 PM - 3:09 PM
61	NANDAGOPAL	1:57 PM - 3:07 PM
62	Manoj Prakashan	1:57 PM - 3:12 PM
63	sudharsan ananth	1:57 PM - 2:24 PM
64	Yashwanth Kumar A	1:56 PM - 3:08 PM
65	M.Balakumar	1:56 PM - 3:15 PM
66	Arivukkarasan Raja	1:53 PM - 3:11 PM
67	JONY dcruze	1:53 PM - 2:32 PM
68	Gowtham N	1:52 PM - 2:02 PM
70	SUMANT A	2:34 PM - 3:14 PM
71	BALASUBRAMANI.V	2:28 PM - 2:50 PM
72	Abc	2:22 PM - 3:12 PM
73	Ganesh	2:22 PM - 3:09 PM
74	Sivasankaran	2:21 PM - 3:12 PM
75	Giridharan	2:20 PM - 2:49 PM
76	BHASKARAN Arumugam	2:18 PM - 2:30 PM
77	Sp.Solaiyappan	2:14 PM - 3:16 PM
78	Gokulan.R	2:13 PM - 3:06 PM
79	AB	2:12 PM - 3:11 PM
80	Gunaseelan.K	2:09 PM - 3:05 PM
81	JASPARJEYANTHJ	2:09 PM - 2:43 PM

82	Bharath	2:09 PM - 2:54 PM
83	Sambandom Kalidoss	2:06 PM - 3:16 PM
84	Nithin G	2:01 PM - 2:52 PM
85	S.YOGARAJ	2:01 PM - 3:16 PM

## Feedback from the Participants

1/10/22, 4:05 PM

Feedback - SVCE Webinar on Robotics Principles and Applications in Automotive Manufacturing Organized by Department of Aut...



**Sample Certificate collected from the participants.**



**SRI VENKATESWARA COLLEGE OF ENGINEERING**

(Autonomous - Affiliated to Anna University)  
Pennalur, Sriperumbudur (Tk) - 602 117 Tamil Nadu, India



**CERTIFICATE OF PARTICIPATION**

This is to certify that **Mr. K. PAUL DURAI** from **Sri Venkateswara College of Engineering** has actively participated in the Webinar on “**Robotics Principles and Applications in Automotive Manufacturing**” presented by **Mr. Arivukkarasan Raja, Delivery Manager - Healthcare & Life Sciences, NTT DATA Services, Chennai**, organized by the **Department of Automobile Engineering** on **18<sup>th</sup> June 2020**.

Handwritten signature of Mr. K. Paul Durai in blue ink.

**Mr. K. Paul Durai**  
Coordinator

Handwritten signature of Dr. J. Venkatesan in blue ink.

**Dr. J. Venkatesan**  
Convenor - HoD/AUT

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