

# **SRI VENKATESWARA COLLEGE OF ENGINEERING**

(Autonomous Institution Affiliated to Anna University)

Pennalur, Sriperumbudur Tk -602 117

A Report of

**One Day workshop on Automotive Suspension Systems on 9<sup>th</sup> January 2020**

held at **Library Seminar Hall, SVCE**

The **One Day workshop on Automotive Suspension Systems** held on 9<sup>th</sup> January 2020 **received** an overwhelming support with a **total of 45 participants**, out of which 6 faculty members were from other engineering colleges, 13 faculty members were from SVCE, 10 students were from other engineering colleges and 16 students were from SVCE. The workshop comprised of **four technical sessions** with each session of one hour duration and the lectures were delivered by eminent resource persons from academia and industry.

The workshop was **inaugurated** by **Mr. S. Karthikeyan, Divisional Manager, Ashok Leyland Technical Centre**, Chennai at Library seminar hall, SVCE and gave his inaugural address about **“Role and the Importance of Automotive Suspension Systems”**. He also delivered a lecture on the first technical session to the participants about the topic **“Fundamental of Suspension systems and its types”**.

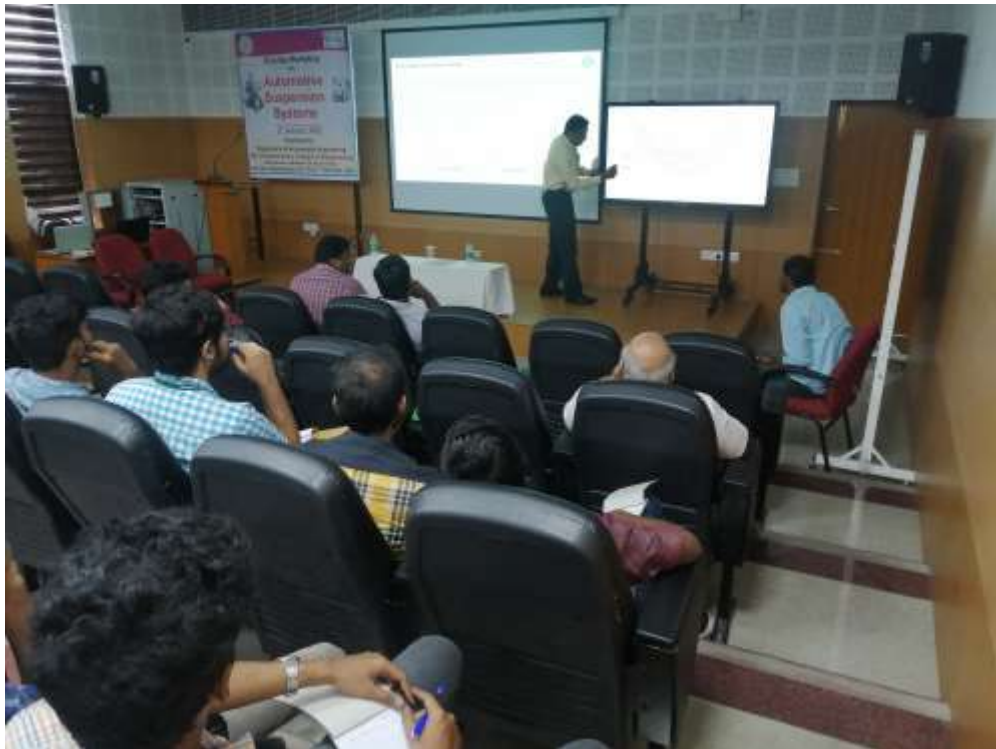
**Mr. A.J.D. Nanthakumar, Asst. Professor, Department of Automobile Engineering, SRM Institute of Science & Technology** handled the second technical session and delivered a lecture on the topic **“Design and Analysis of Automotive Suspension Systems”** to the audience.

The third technical session was handled by **Dr. K. Kamalakannan, Associate Professor, Department of Automobile Engineering, SRM Institute of Science & Technology** delivered a lecture on the topic **“Suspension and its control strategies”**.

The last technical session was handled by **Mr. B. Balaji, Technical Consultant-Automotive Domain** and he delivered a lecture on the topic **“Suspension Testing and its Validation”** and also, the **Valedictory session** of the workshop was presided over by him. He distributed the certificates to the participants of the workshop and delivered the valedictory address about **“Future of Automotive Design – An Overview”**.



**Mr. S. Karthikeyan, Divisional Manager, Ashok Leyland Technical Centre**  
delivering a lecture.



**Mr. A.J.D. Nanthakumar, Asst. Professor, Department of Automobile Engineering,**  
**SRM Institute of Science & Technology** delivering a technical session.



**Dr. K. Kamalakannan, Associate Professor, Department of Automobile Engineering, SRM Institute of Science & Technology delivering a lecture.**



Participants from other Colleges

## ABOUT THE INSTITUTE

Sri Venkateswara College of Engineering (SVCE) was established in the year 1985, with three academic departments. Ever since, it has grown into a premier institution imparting knowledge and excellence through academic, research and infrastructural developments. SVCE now offers ten UG and ten PG courses in various engineering disciplines. Ten departments are recognized as research centers for M.S. and Ph.D. programmes by Anna University, Chennai. It is actively involved in many research programmes funded by various industries and organizations, supported by well dedicated faculty, staff and student community. The campus, spread over 95 acres, is located on Chennai-Bengaluru highway. The college is located amidst many renowned industries like Hyundai, Delphi-TVS, Royal Enfield and Daimler, to mention a few.



## ABOUT THE DEPARTMENT

The Department of Automobile Engineering was started in the year 1999 with sanctioned intake of 30. The intake was increased from 30 to 60 in the year 2009. The department has well-qualified and experienced faculty and staff members of proven ability and administrative skills. It has well equipped state-of-the-art laboratories that cater to the needs of the students. The department is actively engaged in teaching and research in the areas of Automobile Engineering and related areas. The department is accredited for three years in the year of 2018 by National Board of Accreditation. Automotive Research

Cell of Department of Automobile Engineering is well equipped with advanced testing facilities to carry out research work in stationary engines, automotive engines and components of automotive vehicles.



## PROGRAMME OBJECTIVE

The main objective of the workshop is to impart basic knowledge about vehicle suspension and its types. This workshop also provides an in-depth knowledge in the design and the development strategies adopted in automotive industries for its effective control.

## TOPICS COVERED

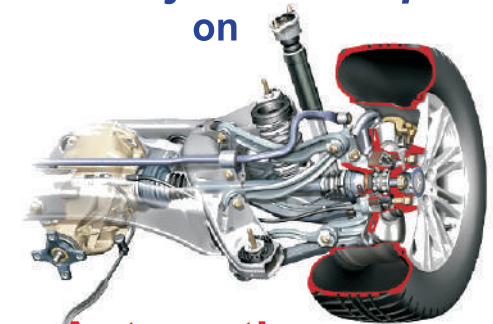
- Fundamentals and types of suspension
- Design and analysis of suspension systems
- Suspension and its control strategies
- Suspension testing
- Emerging trends

## RESOURCE PERSONS

The workshop consists of technical sessions with presentations by invited experts from the leading industries and institutions.



## One Day Workshop on

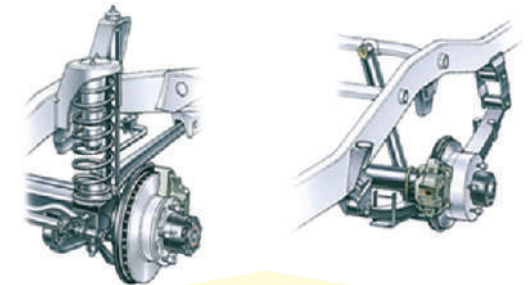


## Automotive Suspension Systems

9<sup>th</sup> January 2020

Co-ordinators

Dr. S. Premnath • J. Dhanabal • R. Sakthivel



Organized by

Department of Automobile Engineering  
Sri Venkateswara College of Engineering

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

Tamil Nadu, India

Phone: 044 27152000, Extn: 451

## REGISTRATION FORM

One Day Workshop  
On

### Automotive Suspension Systems

Name	
Designation	
Qualification	
Age & Sex	
Experience	
Institution	
Address	
Mobile	
Email	

Signature of the Applicant

### SPONSORSHIP

Dr./Mr./Ms.....,  
an employee of our institution is hereby allowed to attend the One day Workshop on "Automotive Suspension Systems" organized by Department of Automobile Engineering, SVCE. He/She will be permitted to attend the programme for the entire duration, if selected.

Date :

Place :

Signature of the HoD/Principal

## REGISTRATION FEE

Faculty/Research Scholars	-	Rs. 250
PG/UG Students	-	Rs. 100
Professionals from Industries/R&D	-	Rs. 500

Registration Fee can be paid only by cash along with the registration form to the Co-ordinator. The number of participants is limited to 30. The selection will be on first come first serve basis.

**No TA/DA will be provided**

### PARTICIPANTS

Application for participation is welcome from Faculty members, Research scholars, Professionals from Industries and R&D organizations

### IMPORTANT DATES

Submission of Application	: 06.01.2020
Intimation of selection	: 07.01.2020
Confirmation by Participants	: 08.01.2020

### ADDRESS FOR COMMUNICATION

**Mr. R. SAKTHIVEL**

Assistant Professor

Department of Automobile Engineering

**Sri Venkateswara College of Engineering**

Pennalur, Sriperumbudur Tk

[rsakthivel@svce.ac.in](mailto:rsakthivel@svce.ac.in)

9597459778, 9841693964

## ORGANISING COMMITTEE

### CHIEF PATRON

**Dr. A.C. Muthiah**

Chairman, SVEHT

### PATRON

**Dr. M. Sivanandham**

Secretary, SVEHT

### Co-PATRON

**Dr. S. Ganesh Vaidyanathan**

Principal, SVCE

**Dr. K. R. Santha**

Vice Principal, SVCE

### ADVISORY COMMITTEE

**Dr.J. Venkatesan**

Professor & Head

**Dr.V. Ganesh**

Associate Professor

### WORKING COMMITTEE

**Mr. A. Balasubramanian**

**Mr. K. Paul Durai**

**Mr. G. Ravi**

**Mr. Ramanjaneyulu Kolla**

**Mr. A. K. Boobalasantilraj**



**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
(Autonomous Institution - Affiliated to Anna University)  
Pennalur, Sriperumbudur Tk - 602 117

**One Day Workshop on Automotive Suspension System 09-01-2020**

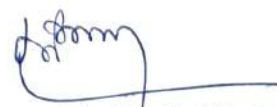
**Organized by Department of Automobile Engineering**

**List of Participants**

Sl. No	Name of the Participant	Designation	Department	Name of the college
1	Dr. N. NAGARAJAN	Visiting Faculty	Mechanical Engineering	Former Faculty, CEG, Anna university
2	Prof. R.ANBALAGAN	Associate Professor	Automobile Engineering	Rajalaksmi engineering college
3	Mr.M. ZAHIR HUSSAN	Assistant Professor	Automobile Engineering	Rajalaksmi engineering college
4	Mr.N. RAJAMURUGU	Assistant Professor	Mechanical Engineering	Apollo engineering college
5	Mr.S. WESLEY JACOB	Assistant Professor	Mechanical Engineering	Apollo engineering college
6	Mr. F. AADIL ARSHAD	Assistant Professor	Automobile Engineering	Velammal Engineering College
7	Mr. A MOHAN	Assistant Professor	Marine Engineering	Sri Venkateswara College of Engineering
8	Ms. VINOTHIALAKSHMI P	Assistant Professor	Computer Science	Sri Venkateswara College of Engineering
9	Mr. M. BALAKUMAR	Assistant Professor	Mechanical Engineering	Sri Venkateswara College of Engineering
10	Prof. S. KRISHNAN	Professor	Marine Engineering	Sri Venkateswara College of Engineering
11	Mr. KARNAM DILEEP	Assistant Professor	Marine Engineering	Sri Venkateswara College of Engineering
12	Prof. S. KALIDOSS	Professor	Marine Engineering	Sri Venkateswara College of Engineering
13	Mr. B.G. NARAYANA PRABHU	Student	Mechanical Engineering	AAA College Engineering and technology, Sivakasi
14	Mr. P. ASHWIN	Student	Mechanical Engineering	AAA College Engineering and technology, Sivakasi
15	Mr. J. VIMALAN	Student	Mechanical Engineering	AAA College Engineering and technology, Sivakasi
16	Mr. K.G. RAHUL RAM	Student	Mechanical Engineering	AAA College Engineering and technology, Sivakasi
17	Mr. G.K. VIKNESH	Student	Mechanical Engineering	AAA College Engineering and technology, Sivakasi
18	Mr. M. VIGNESH	Student	Mechanical Engineering	AAA College Engineering and technology, Sivakasi
19	Mr. C. SATHISH KUMAR	Student	Mechanical Engineering	AAA College Engineering and technology, Sivakasi
20	Mr. L. BHARATH KUMAAR	Student	Mechanical Engineering	AAA College Engineering and technology, Sivakasi
21	Mr.D K ROHIT KUMAR	Student	Automobile Engineering	Velammal Engineering College
22	Mr.G BALAMURALI	student	Automobile Engineering	Velammal Engineering College

23	Mr.A. BALASUBRAMANIAN	Assistant Professor	Automobile Engineering	Sri Venkateswara College of Engineering
24	Dr. V. GANESH	Associate Professor	Automobile Engineering	Sri Venkateswara College of Engineering
25	Mr.Paul Durai. K.	Assistant Professor	Automobile Engineering	Sri Venkateswara College of Engineering
26	Mr. Ravi. G	Assistant Professor	Automobile Engineering	Sri Venkateswara College of Engineering
27	Mr. Ramanjaneyulu Kolla	Assistant Professor	Automobile Engineering	Sri Venkateswara College of Engineering
28	Mr.Boobalaseshthilraj. A. K.	Assistant Professor	Automobile Engineering	Sri Venkateswara College of Engineering
29	Mr. J. SIVARAMA PANDIAN	Assistant Professor	Mechanical Engineering	Sri Venkateswara College of Engineering
30	SHOAB AKTHAR J	Student	Automobile Engineering	Sri Venkateswara College of Engineering
31	Mr. SIDDHARTH	Student	Automobile Engineering	Sri Venkateswara College of Engineering
32	Mr. VIGNESH KUMAR J N	Student	Automobile Engineering	Sri Venkateswara College of Engineering
33	Mr. ARUNKUMAR. K	Student	Automobile Engineering	Sri Venkateswara College of Engineering
34	Mr. AKANKSH ANANTH	Student	Automobile Engineering	Sri Venkateswara College of Engineering
35	Ms. ANURADHA R	Student	Automobile Engineering	Sri Venkateswara College of Engineering
36	Mr. ARUNSHANKAR M	Student	Automobile Engineering	Sri Venkateswara College of Engineering
37	Mr. AVINASH B	Student	Automobile Engineering	Sri Venkateswara College of Engineering
38	Mr. BHARATH R	Student	Automobile Engineering	Sri Venkateswara College of Engineering
39	Mr. DEEPAK KRISHNA R	Student	Automobile Engineering	Sri Venkateswara College of Engineering
40	Mr. PARAMESHWAR A	Student	Automobile Engineering	Sri Venkateswara College of Engineering
41	Mr. PURUSHOTHAMAN K	Student	Automobile Engineering	Sri Venkateswara College of Engineering
42	Mr. SHRIRAM S	Student	Automobile Engineering	Sri Venkateswara College of Engineering
43	Mr. VISHNU E	Student	Automobile Engineering	Sri Venkateswara College of Engineering
44	Mr. SAI SHARAN R	Student	Automobile Engineering	Sri Venkateswara College of Engineering
45	Mr. RAMAKRISHNAN L	Student	Automobile Engineering	Sri Venkateswara College of Engineering

  
 Signature of the Co-ordinator

  
 Signature of the Head of the Department

Dr.J.VENKATESAN, M.E.,Ph.D.  
 Professor & Head  
 Department of Automobile Engineering  
 Sri Venkateswara College of Engineering  
 Pennalur, Sriperumbudur Taluk-602 117  
 Tamil Nadu, India