

**K.S.R. COLLEGE OF ENGINEERING
(Autonomous)**

TIRUCHENGODE – 637 215

ORGANIZED BY

DEPARTMENT OF AUTOMOBILE ENGINEERING

STUDENTS

WORKSHOP PROGRAMME

ACADAMIC YEAR 2018-2019

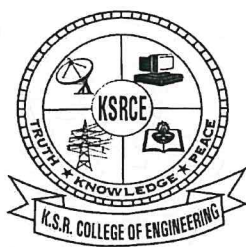
TITLE- CAR FAULT DIAGNOSIS USING ELECTRONICS

DATE OF EVENT

05.10.2018



**PRINCIPAL
K.S.R. COLLEGE OF ENGINEERING
K.S.R. KALVI NAGAR,
TIRUCHENGODE-637 215**



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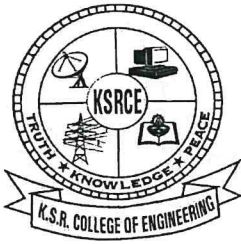
TIRUCHENGODE – 637 215

Event Schedule

1	Name of the Event (Seminar/Workshop/Conference/FDP/ Anyother)	Workshop
2	Name of the Organizer	Department of Automobile Engineering
3	Date of Event	05.10.2018
4	Venue	D-Block Seminar hall
5	Title of the Event	Car Fault Diagnosis using Electronics
6	Name of the Co-ordinator	Mr.M.Syd Thathagir
7	Total Participants	52
8	Resource Person	P.Xavier Jaganathan, Chief Executive Officer, GOODWIN Motors, Chennai
9.	Objectives of the Event	The Workshop focus on latest research methodologies and relevant skills required in the field of Fault Detection and Diagnostics in the circumstance of Automotive Equipment's.




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**K.S.R. COLLEGE OF ENGINEERING
(Autonomous)**

TIRUCHENGODE – 637 215

DEPARTMENT OF AUTOMOBILE ENGINEERING

Organizes Workshop on

" Car Fault Diagnosis using Electronics "

05.10.2018

Intent of Workshop : To augment the skill development and research culture among the students and faculty in the field of Car Fault Diagnosis using Electronics is organized.

Theme :

In the process of diagnosing automobile electronic control engine faults, using data flow analysis methods as the main fault diagnosis work can not only improve the efficiency of fault diagnosis. The engine is not only the main component of the automobile, but also the key content that must be paid attention to in the development of the automobile industry. Once a car engine fails, it will have a great impact on the operation of the whole car. In order to be able to accurately grasp the specific fault conditions of automobile electronically controlled engines, we need to use effective fault diagnosis methods. This Work shop is addressed to ensure the effective Car Fault Diagnosis using Electronics.

Topics Covered:

The resource person was explained about the coordination control work among various appliances is becoming more and more complicated. Consequently, the fault diagnosis of vehicular devices is also becoming more difficult. fault diagnosis method based on electronic coordination mechanism. The basic design and implementation procedure was discussed as following: 1) using electronic control unit to intelligentize each devices in vehicle; 2) building a distributed car network with CAN/LIN bus; 3) coordinating the basic functionality of all the in-vehicle electric devices through the central controller This workshop improved and acquired their skills and knowledge in recent research methodologies in the field of Fault Diagnosis using Electronics in automotive industry

Association Coordinator

HOD/AUE

Principal



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K.S.R. COLLEGE OF ENGINEERING

(AN AUTONOMOUS INSTITUTION) TIRUCHENGODE - 637 215

DEPARTMENT OF AUTOMOBILE ENGINEERING

AUTOMOBILE ENGINEERING ASSOCIATION



ONE DAY WORKSHOP ON

CAR FAULT DIAGNOSIS

USING ELECTRONICS

DATE : 05-10-2018

ENTRY FEES RS. 250/-

LEARN ABOUT YOUR CAR

BENEFICIARIES:
ALL DEPARTMENTS



paytm

FOR ONLINE REGISTRATION

REGISTER & PAY @:

[YOUTUBE.com/themustang2k18](https://www.youtube.com/themustang2k18)

[INSTAGRAM.com/mustang_ksrce](https://www.instagram.com/mustang_ksrce)



CO-ORDINATORS

M. GOPALAKRISHNAN - 8098095236

A. FAZIL

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K.S.R. KALVI NAGAR
TIRUCHENGODE-637 215
- 9600286414





K.S.R. COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NBA and ISO Certified Institution
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
K.S.R. Kalvi Nagar, Tiruchengode - 637 215

✉ ksrceaea@gmail.com ☎ 04288 - 274757



AUTOMOBILE ENGINEERING ASSOCIATION

Chairman

Lion Dr. K.S.RANGASAMY, MJF
Founder-Chairman, KSR Institutions

Chief Person

Thiru.R.Srinivasan B.B.M.,MISTE,
Chairman ,KSR Institutions

Patrons

Dr. P. Senthilkumar
Principal

President

Dr. R. Venkatachalam
Head of the Department

Conveners

Mr. P. Varatharaju
Associate Professor
Mr. M. Syed Thasthagir
Assistant Professor

Student Secretary

Mr.A.Buvaranesh
Student Joint Secretary
Mr.M.Gopalakrishnan

Student Treasurer

Mr.K.Narendhran
Student Joint Treasurer
Mr.A.Fazil

Executive Members

Mr. R.DeepakNihal
Mr. A.Gowtham
Mr. A.Faizaan
Mr. S.Prabakaran
Mr. M.Tamilarasan
Mr. K.Boobalan
Mr. A.Sakthivel
Mr. R.Naveen

INVITATION

We cordially invite you for the

WORKSHOP

Of

Automobile Engineering Association (AEA)

Lion Dr. K. S. Rangasamy, MJF

Founder-Chairman, K.S.R. Institutions

Has kindly consented to deliver the presidential address

Thiru.R.Srinivasan,B.B.M.,MISTE,

Chairman K.S.R Institutions

Has kindly consented to deliver the felicitation address

Dr. P. Senthil Kumar,

Principal, KSRCE

Has kindly consented to preside over the function

Dr. R. Venkatachalam,

Head of the Department, AUE

Has kindly consented to deliver the welcome address

P.Xavier jaganathan,

Chief executive officer

Goodwin Motors

Venue: Seminar Hall - D Block

TOPIC: CAR FAULT DIAGNOSIS USING ELECTRONICS

Date: 05/10/2018, Friday.

Time: 09.30AM



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GOODWIN MOTORS

(Industry Oriented Skill Developing Training Company)
(Affiliated to National Skill India Mission, Govt of India)
Official Skill partner – BMW SKILL NEXT initiative



Admin Office: Flat H, Eminent Karthik Apts, Meenambal Cross St, Mudichur Road, West Tambaram, Chennai 600 045
Site: 137, Perinjambakkam, Off Oragadam Highway, Near Tambaram, Chennai – 601 301
Phone: 09884607490, Email: xavierjaganathan@gmail.com, goodwinmotors@gmail.com
Website: www.goodwinmotors.org, Regn No: 02391 Under Dept of Industries and Commerce, TN Govt



Workshop on Car Fault Diagnosis using Electronics

Agenda:

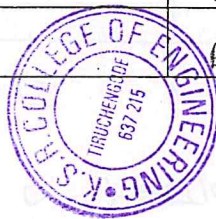
Sr.No	Duration	Subject	Training Methodology
Day 1	09.00 – 10.00HRS	Automotive Electronics Presentation	Video & Slide presentation in Seminar hall
Day 1	10.00 – 11.30HRS	Practice session on Car Diagnosis – Mechanical, Electricals and Electronics	Demo & Training - MARUTI WAGON R CAR
Day 1	11.30 – 13.00 HRS	Practice session on Automotive Systems – Starting, Fuel supply, AC system & Power window systems	Demo & Training. TATA INDICA, HYUNDAI ACCENT, etc components
Day 1	14.00 – 15.30HRS	Practice session on Passenger car transmission systems	Hands- on training – MARUTI 800 Four speed Transmission
Day 1	15.30 – 16.00HRS	Recap & Feedback session	Seminar Hall



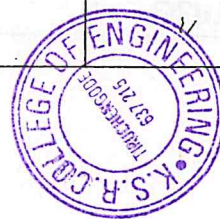

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Passed
out

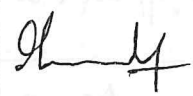

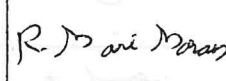
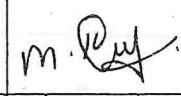
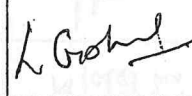
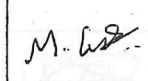
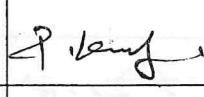
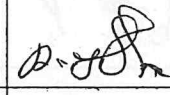


S.NO	NAME	COLLEGE	DEPT	MOBILE NUMBER	SIGN
11.	M. Jeevanantham	k.s.R. Polytechnic College	Mechanical	8754220856	M. Jeevanantham
12.	V.D. Dipin Kumar	k.s.R. College of Engineering	Mechanical	9976838675	V.D. Dipin Kumar
13.	M. Mohan Raj	k.s.R. Polytechnic College	Mechanical	9600728102	M. Mohan Raj
14.	M. Muthu Gowrick	k.s.R. Polytechnic College	Mechanical	9965509393	M. Muthu Gowrick
15.	G. Rohit	k.s.R.P.C	Mechanical	6379041832	G. Rohit
16.	S. Sree ram kumar	k.s.R.P.C	Automobile	8838562557	S. Sree ram kumar
17.	S. Rajul	k.s.R.P.C	Automobile	9123567353	S. Rajul
18.	A. Borez Anto	k.s.R.C.E	Mechanical	9159535170	A. Borez Anto
19.	S. Manoj Kumar	k.s.R.C.E	ECE	9865778498	S. Manoj Kumar
20.	A. Bhavan	k.s.R.C.E	ECE	9486070981	A. Bhavan

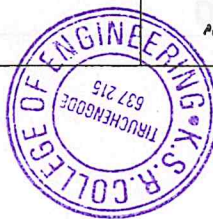


S.NO	NAME	COLLEGE	DEPT	MOBILE NUMBER	SIGN
21.	SUGANYA. R	VELALAR COLLEGE OF ENGR. AND TECH.	IT	8300851869	Anganya R.
22.	POOVIZHI. V.K.	VELALAR COLLEGE OF ENGR. AND TECH.	IT	9080955569	V.K. Poovizhi.
23.	INDUJA. G.B	VELALAR COLLEGE OF ENGR AND TECH.	IT	8220594780	Induja.
24.	DHARANI. G	VELALAR COLLEGE OF ENGR AND TECH.	IT	9500460092	Dharani.
25.	SRINIDHI. S	VELALAR COLLEGE OF ENGR. AND TECH.	IT	9677889380	S Sridhi.
26.	SINDHIA. M	VELALAR COLLEGE OF ENGR. AND TECH.	IT	9842541561	Sindhia M.
27.	ANANDHASANKARI. M	"	"	7502519988	N. Anandhasankari.
28.	AKALYA. S	"	"	9566438256	Akalya.
29.	SARANYA. M	"	"	7598551178	Saranya M.
30.	THENMOZHI. T	"	"	6380876050	Thenmozhi.



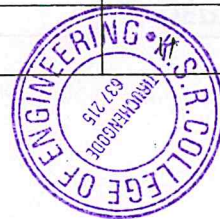
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S.NO	NAME	COLLEGE	DEPT	MOBILE NUMBER	SIGN
41.	M. Deepak	K.S.R. PC	Automobile	90800 68991	
42.	N. Harinathan	K.S.R. C.T	ECE	95971 28304	
43.	R. Narimanan	K.S.R. C.T	ECE	8675 9656 82	
44.	M. Karun Prakash	K.S.R. C.T	ECE	9698 26 89 53	
45	L. Gokul	K.S.R. C.T	ECE	9677 82 50 68	
46.	M. Gokul Krishna	Velalar college of Engineering and Technology	Mech.	739 77 44 88 5	
47	P. Ravi Sankar	"	Mech	98423 29 29 6	
48	R. Yuvanesh	"	Mech	99760 99 58 5	
49	K. Gokul	K.S.R. CE	AUTO	770 864 83 55	
50	S. Dinash Dhinesh Ray	"	"	750 233 6072	



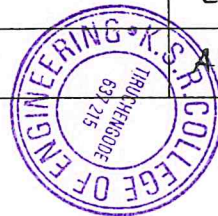
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S.NO	NAME	COLLEGE	DEPT	MOBILE NUMBER	SIGN
01.	S. Aravindh	K.S.R. C.T	ECE	8608823203	<i>[Signature]</i>
G2.	M. Kavin Sangar	Velalar college of Engineering & Technology	Mech	9585097463	<i>[Signature]</i>
G3.	M. Kavin Prasath	Velatar College of Engineering & Technology	Mech	8883572636	<i>[Signature]</i>
G4.	V. Vignesh	"	Mech	8675682835	<i>[Signature]</i>
G5.	R. Janarthanan	"	Mech	9688 7708972878	<i>[Signature]</i>
G6.	A. Ananthi	"	BME	7708972878	<i>[Signature]</i>
G7.	S. Karan	K.S.R.C.E	Auto	8608114812	<i>[Signature]</i>
G8.	R. Dhanush Kumar	K.S.R.C.E	"	9585057376	<i>[Signature]</i>
G9.	G. Nirmal	"	"	9843209619	<i>[Signature]</i>
70.	R.R. Ashwin Aathi	KSRCE		9597154133	<i>[Signature]</i>



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S.NO	NAME	COLLEGE	DEPT	MOBILE NUMBER	SIGN
81.	G. Vishnumahendran	SRI Ragavendra polytechnic college	AUTO	8220 569 789	G. Vishnu mahendran
82.	G. Magizhvarasu	"	"	9578 18 58 30	G. Puff
83.	R.V. Karthik raja	"	"	8973 66 55 14 3	R.V.K.R.
84.	R. Subash	"	"	9790 15 75 30	R. Subash
85.	P. Nandeeswaran	"	"	97 91 37 28 39	P. Nandeeswaran
86.	N. Jawahar	K.S.R. P.e	AUTO	63 85 24 45 00	N. Jawahar
87.	T. Manoj kumar	"	"	861 08 53 97 5	T. Manoj kumar
88.	B. Sowndar rajan	"	"	63 82 53 2 09 0	B. S.S.
89.	V.T. Sudhar sen	K.S.R. C.E	ECE	944 35 66 54 0	V.T. Sudhar sen
90.	B. Gokul	K.S.R. CE	AUTO	99444 71652	B. Gokul



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DEPARTMENT OF AUTOMOBILE ENGINEERING

AUTOMOBILE ENGINEERING ASSOCIATION

Budget Statement Towards

Workshop of Car Fault Diagnosis using Electronics

Date: 05.10.2018

S. No.	Description	Expenses in Rupees	Remarks
1	Tea & Snacks	3000.00	
2	Banner	1000.00	
3	Remuneration to chief guest	5000.00	
4	Miscellaneous	1075.00	
Total		10075.00	

(Rupees Ten Thousand and Seventy five only)



Association Coordinator




HOD





Principal


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K. S. R. COLLEGE OF ENGINEERING

(AUTONOMOUS)

DEPARTMENT OF AUTOMOBILE ENGINEERING

"WORKSHOP"

NAME: Thenmozhi, T

E-MAIL: thenmozhi250@gmail.com

COLLEGE NAME: Velalar College. Eng
CONTACT NO.: 380876050

S.NO	DESCRIPTION	EXCELLENT	GOOD	POOR
1	RATE THE ORGANISATION OF THE EVENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	PROGRAMME DESIGN & IMPLEMENTATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	FOOD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	OVER ALL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ABOUT Workshop: Very Useful. It is Very Interesting.

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"WORKSHOP"

NAME: S. SRINIDHI

E-MAIL:

COLLEGE NAME: VCET
CONTACT NO.: 9677889380

S.NO	DESCRIPTION	EXCELLENT	GOOD	POOR
1	RATE THE ORGANISATION OF THE EVENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	PROGRAMME DESIGN & IMPLEMENTATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	FOOD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	OVER ALL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ABOUT Workshop: New experience to learn about
mechanical instruments.

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"WORKSHOP"

NAME: R. Santhiya
E-MAIL: santhiya22mech@gmail.com

COLLEGE NAME: Gnanamani college of
CONTACT NO.: 9087493933

S.NO	DESCRIPTION	EXCELLENT	GOOD	POOR
1	RATE THE ORGANISATION OF THE EVENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	PROGRAMME DESIGN & IMPLEMENTATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	FOOD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	OVER ALL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ABOUT Workshop:



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"WORKSHOP"

NAME: R. MANIMARAN

E-MAIL: manimaranted2025@gmail.com

COLLEGE NAME: KSRCT

CONTACT NO.: 8675 965682

S.NO	DESCRIPTION	EXCELLENT	GOOD	POOR
1	RATE THE ORGANISATION OF THE EVENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	PROGRAMME DESIGN & IMPLEMENTATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	FOOD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	OVER ALL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ABOUT Workshop: I like to attend workshop very much.
everything in workshop is awesome.

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"WORKSHOP"

NAME: N. Anandhasankari

E-MAIL: anandhasankariukl@gmail.com

COLLEGE NAME: Vellore College of Engineering

CONTACT NO.: 7502519988

S.NO	DESCRIPTION	EXCELLENT	GOOD	POOR
1	RATE THE ORGANISATION OF THE EVENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	PROGRAMME DESIGN & IMPLEMENTATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	FOOD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	OVER ALL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ABOUT Workshop: The workshop is very useful

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DEPARTMENT OF AUTOMOBILE ENGINEERING

"WORKSHOP"

NAME: M. Saranya

E-MAIL:

COLLEGE NAME: Vellore college of

CONTACT NO.: Eng & Tech

S.NO	DESCRIPTION	EXCELLENT	GOOD	POOR
1	RATE THE ORGANISATION OF THE EVENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	PROGRAMME DESIGN & IMPLEMENTATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	FOOD	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	OVER ALL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ABOUT Workshop: It was a new experience



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