SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING

REPORT ON "IGNITION 2K16"

A national level technical symposium was conducted by the Department of Mechanical Engineering under the banner of Society of Mechanical Engineers held on 24th September 2016. The symposium titled with "IGNITION 2K16". That day greeted us with pleasant and memorable moments. The session comprised of forenoon and afternoon which was held from 9:00am till 3:00pm. The invocation began and was enlightened with a special prayer. A welcome address was delivered by SME president Mr. S. Vigneshwar. Followed by which presidential address was delivered by our beloved HOD Dr. S. Ramesh Babu who kindled the minds of students with knowledge and power. The inaugural address was delivered by our chief guest Ms. Bhama Suresh, L&T Valves, Chennai who made our event memorable and guided students about the on-going trends. Various technical events as listed below were conducted throughout the day, which brought sparkling minds of students and interactions. Thus, the symposium ended with valedictory address and Prize Distribution by our Assistant Dean-Students welfare, Dr. J. Venkatesan.

1. **REGISTRATION DETAILS:**

   A) Total number of registrations: 667

PAPER PRESENTATION	-	50
BOTTLE ROCKETRY	-	83
SURVIVAL RUN	-	157
CAD MANIAC	-	63
BRAINIAC	-	90
RC ASSAULT	-	2
CRACK IT	-	132
PHOTOGRAPHY	-	30
SHORTFILM	-	5
RIPOSTE	-	55

   B) Name list of the participating colleges :

   1. Velammal Institute of Technology
   2. RMK College of Engineering
   3. Sri Sairam College of Engineering

4. Rajalakshmi College of Engineering
5. St.Joseph College of Engineering
6. Prathyusha College of Engineering
7. Panimalar College of Engineering
8. Dhanalakshmi College of Engineering
9. S.A. College of Engineering
10. Jaya Sakthi College of Engineering
11. Chennai College of Technology
12. Shri Angalamman College of Engineering
13. Vellammmal Engineering College
14. Rajalakshmi Institute of Technology
15. St.Peter College of Engineering
16. Hindustan University
17. MNM Jain Engineering College
18. Saveetha Engineering College
19. SRM University
20. Aksheya College of Engineering
21. Panimalar Institute of Technology
22. KCG College of Tecchnology
23. Mailam Engineering College
24. SKR Engineering College
25. Jeppiar Mamallan Engineering College
26. Loyola ICAM College of Technology
27. B.S.Abdur Rahman University
28. SRM University, Ramapuram
29. Jeppiar SRR Engineering College
30. Aarupadai Veedu Institue of Techology
31. Arulmurugan College of Engineering
32. RRASE College of Engineering
33. Easwari College of Engineering
34. RMK College of Engineering and Tech
35. Karunya University
36. University College of Engineering
37. Adhi Parasakthi Engineering College
38. SSN College of Engineering
39. Alpha College of Engineering
40. Kamaraj College of Engineering and Tech
41. Loyola Institute of Technology
42. Sree Sastha Institute of Engineering And Tech
43. Sakthi Mariamman College of Engineering
44. DMI College of Engineering
45. PB College of Engineering

2. INAUGURATION DETAILS:

Venue & Timing	-	Video Hall, 9.00-10.00 AM
Chief Guest	-	Ms. Bhama Suresh
		Assistant General Manager
		Learning & Development
		L&T Valves Ltd., Chennai.
Topic of Keynote lecture	-	Recent Advancements in Mechanical Industries
Benefit of the talk	-	Emphasized the opportunities and competition prevailing in mechanical related industrial sectors. Also detailed about the leadership quality and the way in which the engineers have to prepare themselves to fit into the modern industries.

3. VALEDICTORY DETAILS:

Venue & Timing	-	Video Hall, 2.30-3.00 PM
Chief Guest	-	Dr. J. VENKATESAN
		Professor & Head
		Department of Automobile Engineering
		Assistant Dean-Students Welfare
		Sri Venkateswara College of Engineering
Topic of Keynote lecture	-	Recent Developments in Vehicles
Benefit of the talk	-	Highlighted the recent advancements in vehicles especially in IC engines and hybrid air vehicles such as Airlander.

4. DETAILS OF THE EVENTS

PAPER PRESENTATION

This event is the most celebrated event in any symposium. This event allows the student to exhibit their presentation skills and the search knowledge. A team can have up to 3 members. The event was split into three streams. They were Manufacturing, Thermal, Design.

BRAINIAC

This event is basically a technical quiz. It consists of two rounds, the first round is a written prelims and the second round is the final round with usual quiz method. A team consist of 2-members

RC ASSAULT

This event tests the driving skills and automobile knowledge of the participants. The

participants have to bring in their own RC car to race in the track laid by the organiser and the event is timed. A participant has to drive the car on laps and the participant with least time is the winner.

CAD MANIAC

This event tests the design skills of the participants. It is worked on CREO. It is an individual event and it consists of two levels. The first round is an on spot online prelims and the second round is the final round where the student completing the given machine drawing is announced the winner.

CRACK IT

This is a new event conducted this year. This event is similar to treasure hunt, but this is technical treasure hunt. The participants have to find clues to reach the final check point and the clues will be given technically. This event consists of 2 to 3 members in a team

SURVIVAL RUN

The theme of this event is man vs wild. It tests the mental and physical strength of the participants and it is an individual event.

RIPOSTE

This event is similar to an interview. The participant will be questioned technically and the winners are selected based on their communication and their technical knowledge.

PHOTOGRAPHY

This event has 2 levels. The first will conducted online in Facebook and the second round is conducted in the campus.

SHORTFILM

This event has 2 levels. The first will conducted online in Facebook and the second round is conducted in the campus. The selected short films are screened in the college and winners are scrutinized.

PROJET DISPLAY

The II year students displayed the working models and demonstrated the various other innovations developed by them.

5. WINNER/RUNNER DETAILS:

Event	Winner/Runner	Name	College
Paper Presentation (Design Stream)	Winner	Vignesh.s Praveen Kumar.k	Rajalakshami Institute of Technology
Paper Presentation (Manufacturing Stream)	Winner	N.Sanjeevi Ram S.G.Vignesh Balaji	Sri Sairam Institute of Technology
Paper Presentation (Thermal Stream)	Winner	Tarashri.A	Loyola-ICAM
Brainiac	Winner	Christo Robson	Rajalakshmi Engg. College
	Runner	Rajesh Kumar.S	SVCE
CAD Maniac	Winner	MOHAN.M	University college of Engineering, ARNI
	Runner	DEEPAK.A	RMK CET
Riposte	Winner	Abishek Subramaanian	Sri Sairam College of Engineering
	Runner	Surendar Babu	Panimalar Institute of tech
Survival Run	Winner	Ajith Kumar.S	Apollo Engineering College
	Runner	Augustin	KCG Engineering College
Crack It	Winner	Raghuram.T	Agni College of Technology
	Runner	Mukesh P Jain	MNM Jain Engg. college
RC Assault	Winner	Keshav	Vellamal Engg. College
Photography	Winner	Abinaya. R	SRM University
Project Display	Winner	Thirumalainathan	SVCE
	Runner	Sivaprakash	SVCE

6. BUDGET DETAILS:

Amount received from the college	:	**Rs. 10,000**
Amount received as sponsorship	:	**Rs. 25,000**
Total Expenditure	:	**Rs. 35,190**
Balance Returned	:	**Nil**

7.   SOME PLEASANT PHOTOGRAPHS OF THE DAY:

8.   SUGGESTIONS FOR THE IMPROVEMENT: Nil

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