

# ALMANAC

## MECHANICAL ENGINEERING DEPARTMENT – NEWS LETTER

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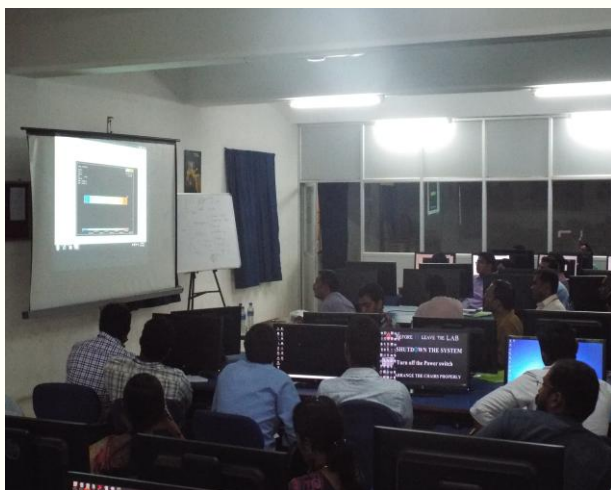
### FROM THE EDITOR'S DESK

Warm greetings! I take immense pleasure and privilege to pen a few words for our college Newsletter. A recap of all the activities and programmes that were conducted during the academic year 2015-2016 is presented in this edition. Eminent speakers from industries, premier institutions and professional academies were invited to share their valuable experience and knowledge with our anxious students. With razor sharp perfection, all these activities were unitedly conducted by a team of energetic, enthusiastic faculty of our department. We are highly indebted to the invaluable assistance and support extended by the Management, Principal, department staff.



Department of Mechanical Engineering,  
Hindusthan College of Engineering and Technology,  
Othakkalmandapam post, Coimbatore-32.

## PROGRAMMES CONDUCTED



**Conducted aicte sponsored three days workshop on FINITE ELEMENT APPLICATIONS in mechanical engineering between 25 to 27 november 2015**



Conducted Two days training on **COORDINATE MEASURING MACHINE(CMM)** On 28<sup>th</sup> and 29<sup>th</sup> December 2015



Conducted Two days training on **RAPID PROTOTYPING MACHINE (3D-PRINTER)** on 28<sup>th</sup> and 29<sup>th</sup> December 2015



Conducted a two day **INTERNATIONAL CONFERENCE ON ADVANCES IN MATERIALS & MANUFACTURING** on 1<sup>st</sup> and 2<sup>nd</sup> of February 2016

**Mr. CHRIS WILDING**

*, Managing director Omega Foundry Machinery  
United Kingdom,*

**Dr. B. RAVI** Professor Dept of Mechanical Engg IIT Bombay and **Mr. GRAHAM BIBY** Managing director Clansman Dynamics Ltd United Kingdom . Preside over the function.





Signing of MOU with the **MESSER CUTTING SYSTEMS INDIA PVT LTD** on 28-12-2015



Signing of MOU with the **COIMBATORE PRODUCTIVITY COUNCIL** and **INAUGURATION OF STUDENT PRODUCTIVITY FORUM(SPF)** on 08-2-2016



Signing of MOU with **PRECISION MACHINES AND AUTO COMPONENTS PVT LTD** on 13-02-2016



Parents meeting has been conducted and the students academic performance and results have been discussed with their parents on 07-02-2016

### PAPERS PUBLISHED BY FACULTY

Name of the Faculty	Title of Paper	Date of Publication	Name of Journal
Dr.M. Mohanraj	A study on Relationship between casting geometric modulus and feeding distance of ductile iron bar shaped castings.	Accepted for publication	Internatonal journal of metal castings
	Comparison of energy performance of heat pumps using a photovoltaic-thermal evaporator with circular and triangular tube configurations.	Feburary 2016	International journal of building simulation

**PAPERS PRESENTED BY FACULTY**

Name of the Faculty	Title of Paper	Date of Presentation	Name of the conference and organization
Mrs.S.Janaki	Role of Standard work in Lean manufacturing	19 <sup>th</sup> March 2016	National level conference on Recent Trends in engineering and technology,Rathinam technical campus
Mr.C.Nithyanandam	Research on Aircraft Landing Schedule Opposition based Genetic Algorithm with Cauchy Mutation	29 <sup>th</sup> and 30 <sup>th</sup> March 2016	International Conference Nehru Institute of Technology, Coimbatore
	Investigation on Aircraft Landing Schedule Opposition based Genetic Algorithm	22 <sup>nd</sup> February 2016	National Conference Rathinam Technical Campus, Coimbatore
Mr. R. Sankar Ganesh	Execution, Emission and burning characteristics using four and five opening injection nozzle for the operation of GOME diesel mixes in a stationary diesel motor	1 <sup>st</sup> and 2 <sup>nd</sup> February 2016	International Conference Hindusthan College of Engineering and Technology, Coimbatore

**TRAINING PROGRAMMES ATTENDED BY FACULTY**

Name of the Faculty	Name of the Training Programme	Organised by	Sponsored by	Date	Duration
Mr. K. R. Sakthivel	Faculty Development Programme (AUTOMATION STUDIO 6.1)	Hindusthan College of Engineering and Technology	MTAB	18 <sup>th</sup> and 19 <sup>th</sup> February 2016	2 days
Mr. S.Alagar	Faculty Development Programme (AUTOMATION STUDIO 6.1)	Hindusthan College of Engineering and Technology	MTAB	18 <sup>th</sup> and 19 <sup>th</sup> February 2016	2 days
Mr. A.Nazeer Ahamed	Faculty Development Programme (AUTOMATION STUDIO 6.1)	Hindusthan College of Engineering and Technology	MTAB	18 <sup>th</sup> and 19 <sup>th</sup> February 2016	2 days
Mr. R. Sankar Ganesh	Faculty Development Programme (AUTOMATION STUDIO 6.1)	Hindusthan College of Engineering and Technology	MTAB	18 <sup>th</sup> and 19 <sup>th</sup> February 2016	2 days

**WORKSHOPS ATTENDED BY FACULTY**

Name of the Faculty	Name of the Workshop	Organised by	Sponsored by	Date	Duration
Mr.R.Arul Kumar	Foundation Skills in Integrated Product Development (FSIPD)	P.S.G College of Technology. Coimbatore	TEQIP-II	Nov 25 <sup>th</sup> to 27 <sup>th</sup> 2015	3 days
Mr. R. Sankar Ganesh	Finite Element Applications in Mechanical Engineering	Hindusthan College of Engineering and Technology, Coimbatore	AICTE	Nov 25 <sup>th</sup> to 27 <sup>th</sup> 2015	3 days

**ACHIEVEMENT OF STUDENTS**

S.No.	Name of Students	Prize	Date	Events	Organization/ Institute
1	S.RAJESHWARAN	PARTICIPATION	05/03/2016	PRODIGY 2016 NATIONAL LEVEL TECHNICAL SYMPOSIUM	NATIONAL INSTITUTE OF TECHNOLOGY - TRICHY
2	M.POORNA CHANDRA	PARTICIPATION	05/03/2016	PRODIGY 2016 NATIONAL LEVEL TECHNICAL SYMPOSIUM	NATIONAL INSTITUTE OF TECHNOLOGY - TRICHY
3	S. MOKESH KUMAR	PARTICIPATION	05/03/2016	PRODIGY 2016 NATIONAL LEVEL TECHNICAL SYMPOSIUM	NATIONAL INSTITUTE OF TECHNOLOGY - TRICHY
4	J. MUTHUKRISHANAN	ATTENDED	10/02/2016	ONE DAY TECHNICAL WORKSHOP ON AUTOMOTIVE STYLING FOR 2030	KUMARAGURU COLLEGE OF TECHNOLOGY COIMBATORE.
5	S. RAJESHWARAN	ATTENDED	10/02/2016	ONE DAY TECHNICAL WORKSHOP ON AUTOMOTIVE STYLING FOR 2030	KUMARAGURU COLLEGE OF TECHNOLOGY COIMBATORE.
6	M. POORNA CHANDRA	ATTENDED	10/02/2016	ONE DAY TECHNICAL WORKSHOP ON AUTOMOTIVE STYLING FOR 2030	KUMARAGURU COLLEGE OF TECHNOLOGY COIMBATORE.
7	E. KARTHICK	ATTENDED	10/02/2016	ONE DAY TECHNICAL WORKSHOP ON AUTOMOTIVE STYLING FOR 2030	KUMARAGURU COLLEGE OF TECHNOLOGY COIMBATORE.



8	R. NAVEEN KUMAR	PARTICIPATION	11/03/2016	AUTO RENOVARE	CEG, ANNA UNIVERSITY, CHENNAI.
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**ALL TERRAIN VEHICLE  
(SAE INDIA – BAJA 2016)**



**Our team "HINDUSTHANI LAHURIANS" have won first prize in cost report in BAJA SAE INDIA on 21-02-2016.**

## EFFICIENT HYBRID CYCLE

(SAE INDIA – Efficycle 2016)



**Our team “HINDUSTHANI LAHURIANS’ received a sum of Rs 10,000 for Best built up Quality Award in SAE INDIA Northern section Effi-cycle 2015 hosted by lovely professional university,punjab.**

## ISIE - HYBRID VEHICLE CHALLENGE



**Our team has won first prize in Acceleration HVC 2016, and second prize in Endurance HVC 2016**

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**EDITORIAL BOARD**

**Chief Editor**            **Dr. K.Siva,M.Tech., Ph.D.** Professor and Head

**Editor**                      **S.Krishnamoorthy,M.E.,** Assistant Professor

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