

Research Activities in Mechanical Engineering Department (2016-2017)

The faculties of Mechanical Engineering have released Research publications in highly reputed peer reviewed journals. The list is as follows,

- **R. Rathish, K. Arul Raj**, “ Analysis of effect of Turbulence on the Performance of Wind Turbine using CFD”, AIIS Journal for Current Developments in Mechanical Engineering (JCDME), Vol. 3, Issue 01, June 2016.
- **K. Arul Raj, M. Karthikeyan, R. Mariappan, Benhar Arvind**, “ Optimization of Wear Characteristics of sintered Aluminium(AL)- Copper (Cu) powder performs using Taguchi technique”, International journal of Emerging technology in Computer Science and Electronics (IJETCSE), Vol 21, Issue 01, April 2016. (SCOPUS INDEXED)

Faculty Achievement

Dr. K. Arul Raj has got the “BEST TEACHER” award on the occasion of Teachers Day celebrations on September 5, 2016.

Faculty Development Programme

The faculties of Mechanical Engineering have attended faculty Development Programme in the year 2016-17. It has been listed below,

- 1) Mr.A.Venkatesh have participated in 7 days Faculty development programme on " *ME 6603 Finite Element Analysis* " at Anna University ,Tirunelveli.
- 2) Mr.M.Ashok Kumar have attended two days Faculty development programme on "*Presentation Skills Level 1* " conducted by ICT Academy Of Tamilnadu
- 3) Mr.B.Selvasundaram have attended two days Faculty development programme on "*Presentation Skills Level 1* " conducted by ICT Academy Of Tamilnadu.

Workshop

A One day Workshop on "*Recent Advances in Manufacturing & Optimisation*" conducted on 7/1/2017. In this function **Dr. S. Prasanna Venkatesan**, Assistant Professor, Department of Production Engineering , National Institute of Technology, Tiruchirappalli was the Chief guest. **Dr. J. Jerald** , Assistant Professor, Department of Production Engineering , National Institute of Technology, Tiruchirappalli was the guest of honor.



Short Term Course:

Mechanical Engineering Department conducted one week "*Short term training program on CNC Turning*" for ITI and Diploma students. The Coordinators for the training Programme were Mr. D. Jeyachandran and Mr. K. Markoni. More than 25 students go trained in the operations of CNC Machine.



Association Events

1. The Mechanical Engineering Association "Be'MASS" was inaugurated on 22.07.2016 for the academic year 2016-2017. The Chief guest for function was **Mr.A.Anbu Kumar**, Deputy General Manager, GSH Groups, Gangaikondan.



2. A one day National level technical symposium "**Einstein's MechZcaliber'17**" was conducted on 17-02-2017. More than 100 participants around Tamilnadu have participated in the symposium.
3. A one day Intra Department Colloquium "IDC 17" was conducted on 11/3/17.

Conference

Student Contributions

S.No.	Name of the Student	Paper Title	Name of the Conference
1	Mr.Kombiah	Optimization of process Parameter of Electro Discharge Machining using Grey relational Analysis.	National Conference,Kalasalingam University.
2	Mr.Dharmaraj	Thermal Analysis of Die in Briquetting Machine	National Conference,Kalasalingam University.
3	Mr.R.Ramkumar	Multi Purpose Mechanical Machine	International Conference,Government College of Engineering ,Salem
	Mr.S.Satheesh		
	Mr.M.Siva		
	Mr.B.Sivanesh		

Symposium

SL.NO.	NAME OF THE STUDENT	Year	NAME OF THE EVENT	Name of the College	Position
1	Mr.H.Sultan Syed Ibrahim	IV	Chassis Design	AKSH'17 SASTRA UNIVERSITY	I Place
	Mr.G.Prathap				
2	Mr.N.Ponnudurai	IV	Paper Presentation	SACOESIUM 17,Dr.Sivanthi Aditanar College Of Engineering	I Place
	Mr.A.Ponmariselvam				
3	Mr.E.Ramki	IV	Paper Presentation	SACOESIUM 17,Dr.Sivanthi Aditanar College Of Engineering	II Place
	Mr.R.Vaithilingam				
4	Mr.S.Mariselvam	IV	Paper Presentation	Kalasalingam University	
	Mr.V.Karpaga vinayagam				
5	Mr.A.S.Kanthan	III	Workshop	Mepco Schlenk Engineering College	
	Mr.Louise Jude Navin				
	Mr.M.Balamurugan				
6	Mr.B.Manish Rangarajan	III	Paper Presentation	SACOESIUM 17, Dr.Sivanthi Aditanar College Of Engineering	
	Mr.Abdul Rahumani				
	Ms. Junolin Sharon				
7	Mr.P.Subramanian	III	Paper Presentation	SACOESIUM 17, Dr.Sivanthi Aditanar College Of Engineering	
	Mr.S.Vaikunda raja				
	Mr.A.Shahul Hameed				

	Mr.Nibin Mohan				
	Mr.Sheik Sintha Ansari				
	Mr.T.Saravana kumar				
	Mr.V.Sakthi Bala Srinath				
8	Mr.T.Saravana kumar	III	Paper Presentation	Kalasalingam University	
	Mr.V.Sakthi Bala Srinath				
9	Mr.A.Shri Sabari ram	II	Workshop on" Finite Element Analysis"	Mepco Schlenk Engineering College	
	Mr.G.Selvavignesh				
10	Mr.R.Rohan Mr.K.Sabari Nathan Mr.J.Sam jeyakumar Mr.R. Vishwanath Mr.Aadhishesan Mr.P.Arunkumar Mr.R.Azhagesan	II	Workshop on" CREO Software	Mepco Schlenk Engineering College	
11	Mr.L.Jenorajan Mr.S.Selvakumar Mr.Shri anantha selvam	II	Workshp on "Advance Welding Technolody"	National Engineering College	