



# RAJARAJESWARI COLLEGE OF ENGINEERING

## DEPARTMENT OF MECHANICAL ENGINEERING



(NBA, NAAC 'A' Grade, HLACTION, ISO 9001-2008 CERTIFIED)

### REPORT ON FIVE DAYS FACULTY DEVELOPMENT PROGRAM ON “ALTAIR HYPER WORKS”

**Date: 25/01/2017**

Department of Mechanical Engineering Conducted Five Days Faculty Development Program on “**Altair Hyper Works**” from 17th to 21<sup>st</sup> January 2017. The Inaugural Function started at 10.00 am in the Edusat Hall.

Totally 55 participants from various engineering colleges, industries and research scholars were participated in the five days faculty development program.

Mr Sudhakar Velu, Principal Engineer, Terex India Pvt, ltd, was the chief guest for the inaugural function. After inauguration the chief guest addressed the gathering.







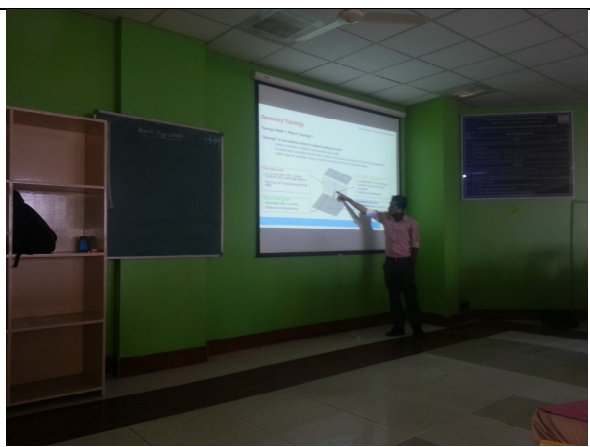
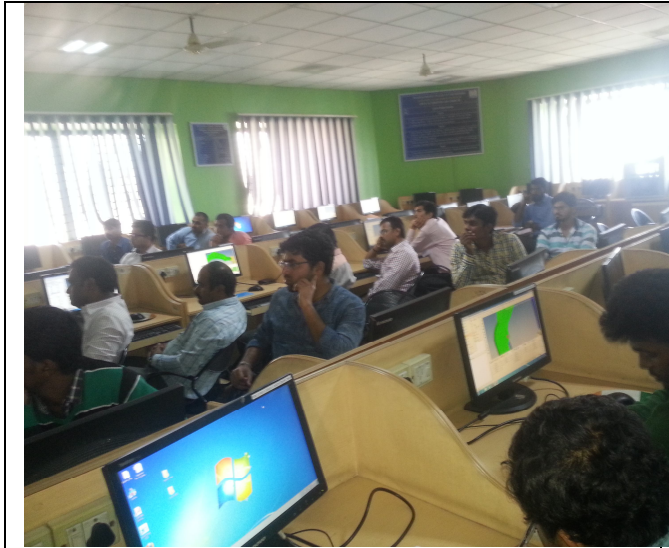








**Mr. Sujith Pillai**, Application Engineer from Design Tech and also consultant to Altair Engineering was the resource person for five days Faculty Development Program. After the inaugural function Mr. Sujith Pillai started the first session by the Introduction of HyperWorks software.



The Program Schedule for the five days is as follows.

<b>Program Schedule</b>			
<b>Date</b>	<b>Time</b>	<b>Contents</b>	<b>Course Content</b>
<b>17/01/2017 Tuesday</b>	9.30am 10.00 am	<b>Registration</b>	
	10.00 am to 10.45 am	<b>Inaugural Function followed with Chief Guest Address</b>	
	10.45 am to 11.45 am	1 <sup>st</sup> Session	Introduction To HM GUI
	11.45 am to 12.00 noon	<b>Tea Break</b>	
	12.00 noon to 1.00 pm	2 <sup>nd</sup> Session	Geometry Cleanup
	1.00 pm to 2.00 pm	<b>Lunch Break</b>	
	2.00 pm to 3.30pm	3 <sup>rd</sup> session	Mid surface Extraction
	3.30 pm to 3.45 pm	<b>Tea Break</b>	
<b>18/01/2017 Wednesday</b>	9.30 am to 11.45 am	1 <sup>st</sup> Session	2d Meshing
	11.45 am to 12.00noon	<b>Tea Break</b>	
	12.00 noon to 1.00pm	2 <sup>nd</sup> Session	Tetra Meshing
	1.00pm to 2.00 pm	<b>Lunch Break</b>	
	2.00 pm to 3.30 pm	3 <sup>rd</sup> session	Tetra Meshing
	3.30 pm to 3.45 pm	<b>Tea Break</b>	
<b>19/01/2017 Thursday</b>	9.30 am to 11.45 am	1 <sup>st</sup> Session	Solid Map Meshing
	11.45 am to 12.00noon	<b>Tea Break</b>	
	12.00 noon to 1.00pm	2 <sup>nd</sup> Session	Connectors
	1.00pm to 2.00 pm	<b>Lunch Break</b>	
	2.00 pm to 3.30 pm	3 <sup>rd</sup> session	Hyper morph
	3.30 pm to 3.45 pm	<b>Tea Break</b>	
<b>20/01/2017 Friday</b>	9.30 am to 11.45 am	1 <sup>st</sup> Session	1.Linear Static Analysis 2.Modal Analysis
	11.45 am to 12.00noon	<b>Tea Break</b>	
	12.00 noon to 1.00pm	2 <sup>nd</sup> Session	3.Linear Buckling 4. Inertia Relief
	1.00pm to 2.00 pm	<b>Lunch Break</b>	
	2.00 pm to 3.30 pm	3 <sup>rd</sup> session	5.Direct Transient Analysis
	3.30 pm to 3.45 pm	<b>Tea Break</b>	
<b>21/01/2017 Saturday</b>	9.30 am to 10.30 am	1 <sup>st</sup> Session	5.Direct Transient Analysis
	10.30 am to 11.00am	<b>Valedictory</b>	
	11.00 am to 1130 am	<b>High Tea</b>	



Valedictory Function on 21<sup>st</sup> January 2017.

Dr. T R Gopalkrishna Nair, Rector RRGI, was the chief guest for the valedictory function.

Sir has addressed the gathering by telling the the importance of the software tool in the modern trend.



Our beloved HOD welcomes the gathering. The convener, Radhakrishna R K had given a brief report on 5 days FDP. The five days national level Faculty development program ended with vote of thanks by professor. Ramesh C