



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi,

Accredited by NAAC, An ISO 9001:2015 Certified Institution

L.B.Reddy Nagar, Mylavaram – 521 230, Krishna District, Andhra Pradesh, INDIA

## Department of Aerospace Engineering

Website: <http://lbrce.ac.in>

Email: [hodaero@lbrce.ac.in](mailto:hodaero@lbrce.ac.in)

Phone:08659-222933 Ext:513/515

Event No:

<b>Title:</b>	Fluid & Structural Simulation using CRADLE
<b>Coordinator:</b>	Mr.I.Dakshina Murthy, Sr. Assistant Professor
<b>No. of Participants:</b>	180
<b>Event Type:</b>	Online Faculty Development Program
<b>Name of Resource person &amp; Details:</b>	Mr.Karthik Sundararaj Technical Manager, CFD Solutions MSC Software Corporation, Bangalore, India
<b>No. of Days Conducted and Dates:</b>	Three days – 08 <sup>th</sup> -10 <sup>th</sup> June 2020
<b>Summary of the Event:</b>	The speaker introduced to a commercial software named CRADLE which is used for various application divisions like Fluids, Structural,HVAC, Automoblies etc.,. The speaker also demonstrated the user interface of the CRADLE with necessary examples.
<b>Outcome from the Event:</b>	The participants have got the understanding on the capacity, pros and cons of the CRADLE tool with respect to the available commercial software's. The participants also got the understanding on the UI of the CRADLE.
<b>Feedback taken from Participants:</b>	The Coordinator has taken the feedback from the participants and attached below
<b>Action plan:</b>	Planning to schedule more FDP to enhance the knowledge of the participants



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Brochure:



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**Dates**  
8 - 10 June,  
2020

**Time**  
04 - 06 PM  
IST

**A**  
Three Day  
Faculty Development Program  
on  
"Fluid & Structural Simulation using CRADLE"

**Chief Patrons**  
Shri.L.Bali Reddy  
Chairman  
Shri.L.Jaya Prakash Reddy  
Co-Chairman  
Shri.L.R.N.K. Prasad Reddy  
Vice-Chairman

**Patrons**  
Shri.G.Srinivasa Reddy  
President, LBCT  
Shri.K.Timma Reddy  
Director, Infra  
Dr.K.Appa Rao  
Principal


**Conveners**  
Dr.P.Lovaraju  
Professor & Dean - Academics  
Dr.B.Eswara Kumar  
Professor & HOD, ASE, Dept.

**Schedule**  
June 8th - High-Speed Flows  
June 9th - Heating Ventilation and Air Conditioning (HVAC) systems  
June 10th - Structural Coupled Fluid Dynamics using Co-simulation


**Moderator & Speaker**  
**Mr.Karthik Sundarraj**  
Technical Manager  
CFD Solutions  
MSC Software Corporation

**e-Certificate**  
will be provided  
to all the  
participants

*In Association with*



**HEXAGON**



**MSC Software**

For Further Details Contact the Faculty Coordinators:  
Mr.I.Dakshina Murthy, Ph: 9704525999  
Mr.B.Harshavardhan Reddy, Ph:9912453505  
Email: [hodaero@lbrce.ac.in](mailto:hodaero@lbrce.ac.in)

**Link for Registration:**  
<https://tinyurl.com/aseweb2reg>



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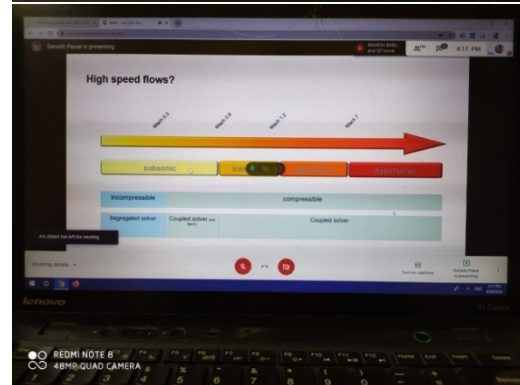
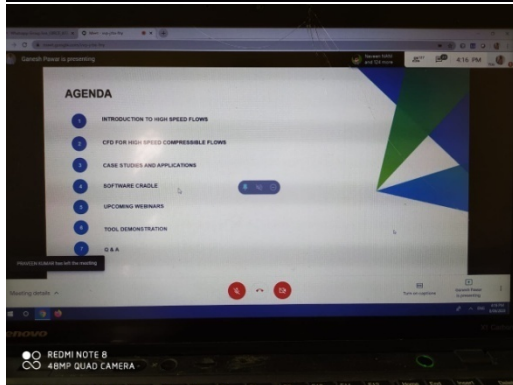
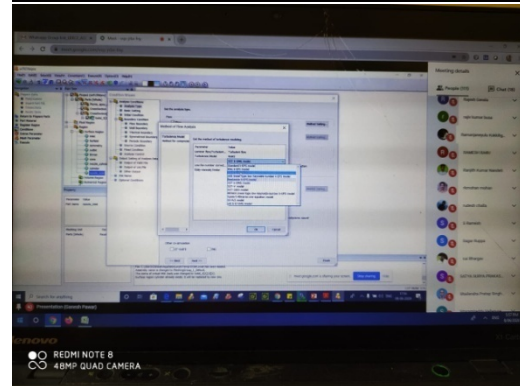
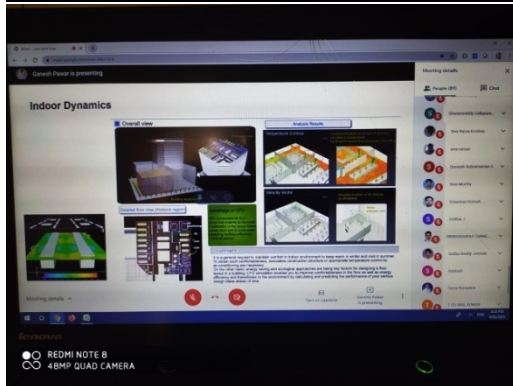
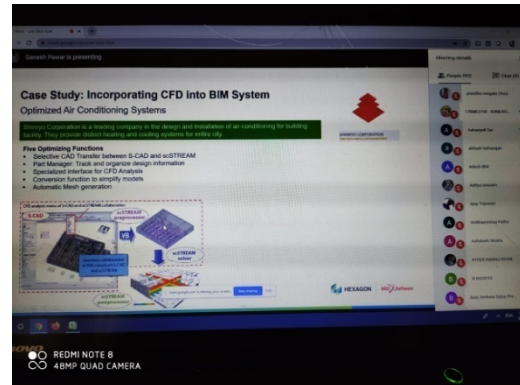
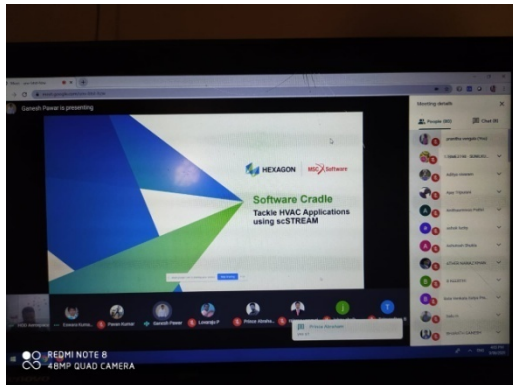
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### Photo Gallery:







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### Feedback for FDP on "Fluid & structural Simulation using CRADLE"

