



**Centurion University of Technology and Management**  
**Bhubaneswar, Jatni, Odisha -752050**

WORKSHOP on:

**Achieving Sustainable Innovation with Structural Simulation- The Journey from Validate To Innovate**

**Date: 07-05-2020**

No. of Students and/or Faculty Participated: 57

Venue: ONLINE, Centurion University of Technology & Management

Resource Person

**Dwarak Krishnan**

Simulia Technical Specialist at Dassault Systèmes (India)

Phone: 914443443030

Email: [dwarak.krishnan@3ds.com](mailto:dwarak.krishnan@3ds.com)

**About the resource person:**

Dwarak Krishnan is a Simulia Technical Specialist (India) at Dassault Systèmes based in Velizy-Villacoublay, Ile-de-France.

**About the Session:**

This insightful FDP from Dassault Systemès was about how simulation benefits product design and development. FDP covered, easily integrate simulation with common CAD environments, link finite element analysis with optimization technology as a standard business practice, improve and validate product designs so they are optimal and durable and to use simulation to improve productivity and reduce time to market.

**Objectives:** To efficiently and cost-effectively develop innovative consumer products that

exceed customer expectations via simulation-driven product development.

**Outcomes:**

- Participants understood simulation-driven development minimizes repetitive rounds of physical prototyping, saves time and money, validates design performance, and mitigates risk on design manufacturability.
- Develop innovative consumer goods products more efficiently and cost-effectively with solid works simulation and 3D experience works simulation solutions.
- Simulation-driven development helps in improving quality and shortens time to market.



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**Organized By**  
**Centurion University of Technology and  
Management**

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## New Opportunities in the Auto Industry

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	EV powertrain sub systems	Opportunity to create/grow electronics hardware industry in India
	Battery module / pack	Creating manufacturing jobs for batteries and the energy storage industry
	Power Electronics	Light weighting is one of the key necessities for EVs and can provide growth to the aluminium and chemical industries
	Light weighting technologies	Each EV model requires millions of lines of software code to operate, creating jobs in software
	Software	

ENG 16:45

### Participant Lists:

1	Suman Kumar Mekap	Asst. Professor
2	Prachirani Sahu	Asst. Professor
3	Dr Nityanada Sahoo	Assistant Professor
4	Omprakash Panda	Assistant Professor
5	Swagatika Das	Assistant Professor
6	Subhashree Das	Assistant Professor

7	Sunil Kumar Jha	Professor, Dean(SoPAH)
8	Dr. Soumya Jal	Associate Professor
9	Dr. Monali Priyadarsini Mishra	Asst. Professor
10	Ranitava Banerjee	Asst. Professor
11	Susmita Chakrabarty	Asst. Professor
12	Swagatika Dash	Asst. Professor
13	Lipsa Samal	Asst. Professor
14	Rudra Narayan Sahoo	Asst. Professor
15	Jyoshna Rani Dash	Asst. Professor
16	Nikunja B. Pati	Asst. Professor
17	Gyana Ranjan Parida	Asst. Professor
18	Haragouri Mishra	Asst. Professor
19	Vivek Barik	Asst. Professor
20	Dr. Nityananda Sahoo	Asst. Professor
21	Dr. Tapas Kumar Mohapatra	Asst. Professor
22	Dr. Santosh Kumar Ranjit	Asst. Professor
23	Arup Saha	Asst. Professor
24	Subham panigrahi	School of Engineering and Technology
25	Sunita Rani Panda	School of Engineering and Technology

26	Suvam Mishra	School of Engineering and Technology
27	Swahil Suvam	School of Engineering and Technology
28	Vidhi shankara	School of Engineering and Technology
29	abhipsa dehury	School of Applied Sciences
30	Abinashpati	School of Forensic science
31	Agnish Pahari	School of Paramedics And Allied Health Sciences
32	Alisha Mallick	School of Applied Sciences
33	Ananya Anumita	School of Engineering and Technology
34	Ankit Kumar Pradhan	School of Engineering and Technology
35	Arunima Nanda	School of Paramedics And Allied Health Sciences
36	Ashutosh Das	School of Engineering and Technology
37	B.lalit kumar	School of Vocational Education And Training
38	Barun Kumar Tripathy	School of Paramedics And Allied Health Sciences
39	BHABANI SANKAR MALLICK	School of Engineering and Technology
40	Bijay Kumar Panda	School of Management
41	Biranchi Narayan Panigrahi	School of Forensic science
42	Chandra sekhar ojha	School of Paramedics And Allied Health Sciences
43	Chinnapa Abhisekh	School of Engineering and Technology

44	Debabrata Pradhan	School of Engineering and Technology
45	Debasmita saho	School of Paramedics And Allied Health Sciences
46	Debesh Kumar Hota	School of Applied Sciences
47	Deepjyoti Roy	School of Engineering and Technology
48	Dibyajyoti pradhan	School of Applied Sciences
49	Dinesh Dipti Ranjan Bhukta	School of Engineering and Technology
50	Elisha Dash	School of Applied Sciences
51	Fayzan sadique	School of Management
52	Hitankhi Biswal	School of Applied Sciences
53	Jyotsna Rani Behera	School of Applied Sciences
54	Kabita Bag	School of Forensic science
55	Krishna Nayak	School of Forensic science
56	Lisha Rani Rout	School of Applied Sciences
57	Little Jena	School of Forensic science



Prabhat K. Pattnaik  
FDP Coordinator



Dr. Prasanta Ku. Mohanty  
Dean Academic