



Centurion
UNIVERSITY

*Shaping Lives...
Empowering Communities...*

DIGITAL MANUFACTURING AND INDUSTRY 4.0

16th to 17th September 2017

No. of Faculty Participated: 19 (PKD & BBSR Campus)

Resource Person: Sri. Rabindra Sah

Two days Workshop on DIGITAL MANUFACTURING AND INDUSTRIE 4.0

The Department of **Mechanical Engineering** organized a workshop on DIGITAL MANUFACTURING AND INDUSTRIE 4.0 from **16th to 17th September 2017** (Venue: CSREM Conference Hall, Time: 9.30 am – 5.30 pm).

Workshop Coordinator: Mr. Sukanta Nayak, Asst. Professor in the Department of Mechanical Engg.

About Resource Person: Sri. Rabindra Sah, Chief Engineer Strategic Projects (Engineering Research & Design) at Tata Technologies, Jamshedpur, India. He has over 25 years of experience sharing 5 years with Tata Motors & 20 Years with Tata Technologies. He has a strong domain of end to end Product Design to Manufacturing domain both Digital & Physical. He has expertise in product design and PLM, product validation, data science (Data Analytics , Artificial Intelligence, Machine Learning),Blockchain , Python, UX Design, RPA - Robotic Process Automation. He has worked with several industries such as automotive (End to end), aerospace engine, industrial heavy machinery, process industry – steel, port, air cargo and FMCG.

About the Session: This workshop was designed primarily for Mechanical Engineering faculties to provide them a comprehensive knowledge on **Digital Manufacturing & Industrie 4.0** and make them aware about the new technologies and innovations in the field of Digital Manufacturing.

Objectives of the Workshop:

The objectives of this workshop are to:

Understand the basic concepts of Digital Manufacturing & Industrie 4.0

Familiar with software used for Digital Manufacturing (like CATIA, Quest DELMIA, DELMIA, SIEMEN, ENOVIA etc.)

Understand the basics of Smart City concepts.

Understand the importance of Digitizing Industries.

Outcomes of the Workshop:

Upon successful completion of this workshop, the faculty will be able to:

Know about the Process, Planning & Control in an Industry.

Aware about software used in Digital Manufacturing.

Know the advantages of Digital Manufacturing.

Know about the sequence of steps to make Digital Manufacturing effective and productive.



Figure: Introduction to Digital manufacturing & Industry 4.0



Centurion
UNIVERSITY



Workshop on

DIGITAL MANUFACTURING & INDUSTRY 4.0

DATE: 16 to 17 September 2017

Organised by:
Mechanical Engineering, CUTM

VENUE: CSREM Conference Hall, Time: 9.30 am – 5.30 pm

Resource Person
Mr. Rabindra Sah
Chief Engineer Strategic Projects (Engineering Research & Design) at
Tata Technologies, Jamshedpur, India



centurion university of technology and management
Shaping Lives... Empowering Communities...

List of participants



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT DIGITAL MANUFACTURING AND INDUSTRY 4.0

16th to 17th September 2017

ATTENDANCE SHEET

Sl. No.	Name of the Participant	Full Signature
1	Dr. P.S. Rao(PKD Campus)	
2	Mr. Satyabrata Nayak(PKD Campus)	
3	Mr. P. Suman(PKD Campus)	
4	Mr. Sukanta Nayak(PKD Campus)	
5	Mr. Sujit Mishra(PKD Campus)	
6	Mr. Santosh Patro(PKD Campus)	
7	Mr. Sudhansu S Sahoo(PKD Campus)	
8	Mr. V. Khageswar(PKD Campus)	
9	Mr. R. Suryateja(PKD Campus)	
10	Dr. Mahendra Kumar Rath(BBSR Campus)	
11	Mr. Dillip Kumar Mohanta(BBSR Campus)	
12	Mr. Smarajit Punayakanti(BBSR Campus)	
13	Mr. Girija Nandan Arka(BBSR Campus)	
14	Mr. Babuli Ku Jena(BBSR Campus)	
15	Mr. Rashmi Ranjan Panda(BBSR Campus)	
16	Mr. Shakya Singha Sahoo(BBSR Campus)	
17	Mr. Chiranjibi Mohanty(BBSR Campus)	
18	Mr. Sudeep Kumar Singh(BBSR Campus)	
19	Mr. Manas Ranjan Padhi(BBSR Campus)	

Dr. Prasanta Ku. Mohanty
Dean Academic