

**FORM 6: Co-ORDINATOR(s) FINAL REPORT ON TEQIP EVENT**

1. Title of Event: 3 days SDP on “**MODELING AND ANALYSIS TECHNIQUES IN MECHANICAL ENGINEERING**”

2. Conducting Department / Centre: Mechanical Engineering, JEC

3. Dates: 07/03/2019 to 09/03/2019

4. Venue: Seminar Hall, Mechanical Engineering Department, JEC.

5. Coordinator (s) : 1) Mr. MafidurRahman

2) MrsDimpi Bora

6. Participants: 4<sup>th</sup> Semester BE Mechanical Engineering students.

7. Applications received Nos: 52      Offered Nos: 45      Number Participated: 45

8. Focus of the TEQIP Event (Brief Purpose /Theme etc):

This student developmentprogramme (SDP) on "**Modeling and Analysis techniques in Mechanical Engineering**" mainly focuses on familiarizing students with modern modeling and analysis techniques used in manufacturing. They as 4<sup>th</sup> Semester BE students are at very new to this manufacturing concepts and they have enough time to learn the required software. Therefore, this SDP was organized to make them aware of the level of manufacturing techniques used now-a-days, use of computers in manufacturing and software used in manufacturing for modeling and analysis.

9. Participants' Feed Back statistics No.: 45

10. Gallery: Pictures/Photos/ Poster/Brochure/Announcement/ Screen capture of Website / CD/DVD



11. Presentations, Lectures: Program Schedule

**SDP- Sessions chart**

**"Modeling and Analysis techniques in Mechanical Engineering"**

**07<sup>th</sup> -09<sup>th</sup> ,March, 2019**

<b>Date</b>	<b>10 AM– 11.30 AM</b>		<b>11.45 AM -1 PM</b>	<b>1PM - 2PM</b>	<b>2PM -5 PM</b>	
<b>07-03-2019</b>	<b>9 AM - Registration</b> <b>10 AM -Inaguration</b>  Introduction to CAD applications (Dr. Dushyanth Kumar K.R)	<b>Tea Break</b>	Modeling Techniques (Dr. Dushyanth Kumar K.R)	<b>Lunch Break</b>	Hands on training Basics of 3D Modeling Mr.Sanjeev K.G Dr.SNR, Dr.KRD, Prof. SR	
<b>08-03-2019</b>	Role of Computers in Machining (Dr. S.N. Ravi Shankar)		Role of Computers in Machiningg (Dr. S.N. Ravi Shankar)		Hands on training 3D Modeling techniques Mr.Sanjeev K.G Dr.SNR, Dr.KRD, Prof. SR	
<b>09-03-2019</b>	Baiscs of Additive Manufacturing and role of 3D Modeling (Prof. SreeRajendra)		Additive Manufacturing Techniques and Appications (Prof. SreeRajendra)		<b>2.00pm to 3.30 pm</b>  Hands on training Finite Element Analysis Mr.Sanjeev K.G Dr.SNR, Dr.KRD, Prof. SR	<b>4.00 to 5.00pm</b>  <b>Valedictory</b>

**Coordinator(s)' Feedback / Suggestions/on Event:**

Jorhat Engineering college, Jorhat, Assam and Malnad College of Engineering of Hassan, Karnataka has conducted a TEQIP – III Sponsored Three day Twinning SDP on "**Modeling and Analysis techniques in Mechanical Engineering**" at JEC premises in Jorhat from 7<sup>th</sup> to 9<sup>th</sup> March 2019. Mr. Sanjeev K.G, an industry person based on Bangalore assisted the programme. This SDP was attended by about 45 students from Mechanical Engineering department of Jorhat Engineering College. The programme was inaugurated by the Dr Nilanjana Baruah Bhattacharya, HoD, Instrumentation Engineering as an honourable guest on behalf of Principal JEC, Jorhat. In her presidential address, she expressed that this kind of Programme help the students to improve

their technical skill and enhance their confidence to face the competition in engineering field. The experts Dr. Dushyanth Kumar K.R, Dr. S.N. Ravi Shankar and Prof. SreeRajendra have trained the students on CAD applications, Role of Computers in Machining,Basics of Additive Manufacturing and role of 3D Modeling and Applications. The afternoon session, Mr. Sanjeev K. G.,expert,MDS, trained the students with software like CATIA and ANSYS. The programme was coordinated by Mr. MafidurRahman, MrsDimpi Bora of JEC, Jorhat, Assam andDr. S. N. Ravi Shankar, Dr. Dushyanth Kumar K.R of MCE, Hassan, Karnataka.

The said three-day workshop was found to be satisfactory for the students of 4th semester. I thank all the resource persons, Principal of JEC for being patron of this course, HoD of Mechanical engineering for permitting to use the seminar hall and forming the organizing committee and the TEQIP coordinator for his legal instructions. We also thank the faculty members Mr. SanjeevVishwakarma and Dr. JitenderKundu for helping throughout the 3 days specially during Hands-on-training in the CAD Laboratory.

Looking forward for more such events to organize in future with help from authority,

Signature of Coordinator(s)

Comment by TEQIP Coordinator (Academic):

Signature of Coordinator (Academic)