MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN ABES ENGINEERING COLLEGE AND TATA STEEL LTD.

This is a Memorandum of Understanding (MOU) dated 01.12.2020 between

ABES Engineering College a Premier Academic Institution of International Repute incorporated under AICTE as per Permanent id no. 1-6248771, having its permanent campus at 19th KM Stone, **NH-24 Ghaziabad, Uttar Pradesh 201009** and Registered office At **19th KM Stone, NH-24 Ghaziabad, Uttar Pradesh 201009**,which expression shall include its successors and assigns.

and

Tata Steel Limited, an Indian multinational steel-making company and a subsidiary of Tata Group, originally incorporated on August 26, 1907 under the Indian Companies Act 1882, having its registered office at Bombay House, 24, Homi Mody Street, Fort, Mumbai - 400 001 (hereafter referred to as **'Tata Steel'** which expression shall include its successors and assigns) for the purpose of undertaking collaborative activities.

ABES Engineering College and Tata Steel are hereinafter jointly referred to as the "**Parties**" and individually as the "**Party**".

Whereas

Details of educational institution

Tata Steel, having fully integrated operations – from mining to the manufacturing and marketing of finished products, is currently the world's second-most geographically diversified steel producer. Tata Steel is engaged, interalia, in the business of research & development, engineering, design, manufacturing, marketing, selling & servicing of flat and long steel products (such as hot rolled coils, cold rolled coils, rebars, wire rods etc.) being used in Automotive, construction, capital goods and infrastructure sectors, as applicable. Tata Steel has leadership position in automotive and select construction segments.

Now therefore, the Parties, accordingly, record their understanding and define the steps to be taken in pursuance thereof, however the Parties to this MOU do not intent to create any binding obligation upon each other to subsequently enter into any business relationship pursuant to the terms agreed upon between them which are stated as under:

1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

(a) to promote interaction between ABES Engineering College and Tata Steel in mutually beneficial areas; and

(b) to provide a formal basis for initiating interaction between ABES Engineering College and Tata Steel

through enhancing technical curriculum, upskilling of students and providing expert consultancy services.

..1

CAPABILITY DEVELOPMENT * TATA STEEL LIMITED *

TATA STEEL LIMITED

Shavak Nanavati Technical Institute, N-Road, Bistupur, Jamshedpur 831 001 India
Tel 91 657 6643653 2320243 Fax 91 657 2320243, email: smi.office@tatasteel.com
Registered Office: Bombay House 24 Homi Mody Street Fort Mumbai – 400 001 India
Tel 91 22 6665 8282 Fax 91 22 66657724
Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com

Head
Deptt. of Mechanical Engineering
ABES Engineering College
Ghaziabad

Head
Deptt. of Mechanical Engineering
ABES Engineering College
Ghaziabad

TATA

18. COSTS OF THE MOU

Each Party shall bear the respective costs of carrying out the obligations under this MOU.

19. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

By signing below, the Parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

Signed and delivered on behalf of
ABES Engineering College
by Prof. (Dr.) Rajendra Kumar Shukla
Head of Department, Mechanical Engineering

in the presence of Mr. Shailendra Pratap Singh
Assistant Professor, ABES Engineering College

Head
Deptt. of Mechanical Engineering
ABES Engineering College
Ghaziabad

Signed and delivered on behalf of **Tata Steel Limited**
by Mr. Prakash Singh, Chief, Capability Development

in the presence of Mr. Abhipraya Tiwari, Asst. Manager
Capability Development

7/11/20

Head
Deptt. of Mechanical Engineering
ABES Engineering College
Ghaziabad

TATA STEEL LIMITED
Shavak Nanavati Technical Institute, N-Road, Bistupur, Jamshedpur 831 001 India
Tel 91 657 6643853 2320243 Fax 91 657 2320243, email: snti.office@tatasteel.com
Registered Office: Bombay House 24 Homi Mody Street Fort Mumbai – 400 001 India
Tel 91 22 6665 8282 Fax 91 22 66657724
Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com

ME Department & Tata Steel || Practical demo session on Bearing Mounting/Dismounting Procedure || 07 December 2020

Postevents ABESEC <postevents@abes.ac.in>

Tue 15-12-2020 03:30 PM

To: **All Staff Members <staff@abes.ac.in>;All Faculty Members <faculty@abes.ac.in>;Academic Heads <academichods@abes.ac.in>;Vertical Heads <verticalheads@abes.ac.in>**

Cc: Neeraj Goel <neeraj@abes.ac.in>;Sachin Kumar Goel <sachin.goel@abes.ac.in>;Director <director@abes.ac.in>;Shashwat <shashwat@abes.ac.in>

5 attachments (568 KB)

Image1 2020-12-07 at 11.37.59.jpeg; Image2 2020-12-07 at 11.38.00.jpeg; Image3 2020-12-07 at 11.38.23.jpeg; Image4 2020-12-07 at 11.38.35.jpeg; Image5 2020-12-07 at 12.54.53.jpeg;

Dear All,

The Department of Mechanical Engineering in association with **TATA Steel Limited** has successfully conducted a practical demo session in online mode (CISCO Webex) on **"Bearing Mounting/Dismounting Procedure"** scheduled on 07 December 2020.

Outcomes:

In this session students learned the bearing mounting/dismounting procedure:

1. Mounting of a spherical roller bearing on cylindrical shaft and dismounting by the hydraulic puller.
2. Mounting of a barrel roller bearing (one type of SRB bearing) having taper bore by using adaptor sleeve and dismounting by hydraulic method (oil Injection).
3. Mounting of a deep groove ball bearing by heating (thermal method) & dismounting by the mechanical puller.
4. Mounting of a cylindrical roller bearing by heating and dismounting it thermally through the heating ring.

Venue: Online- Cisco Webex

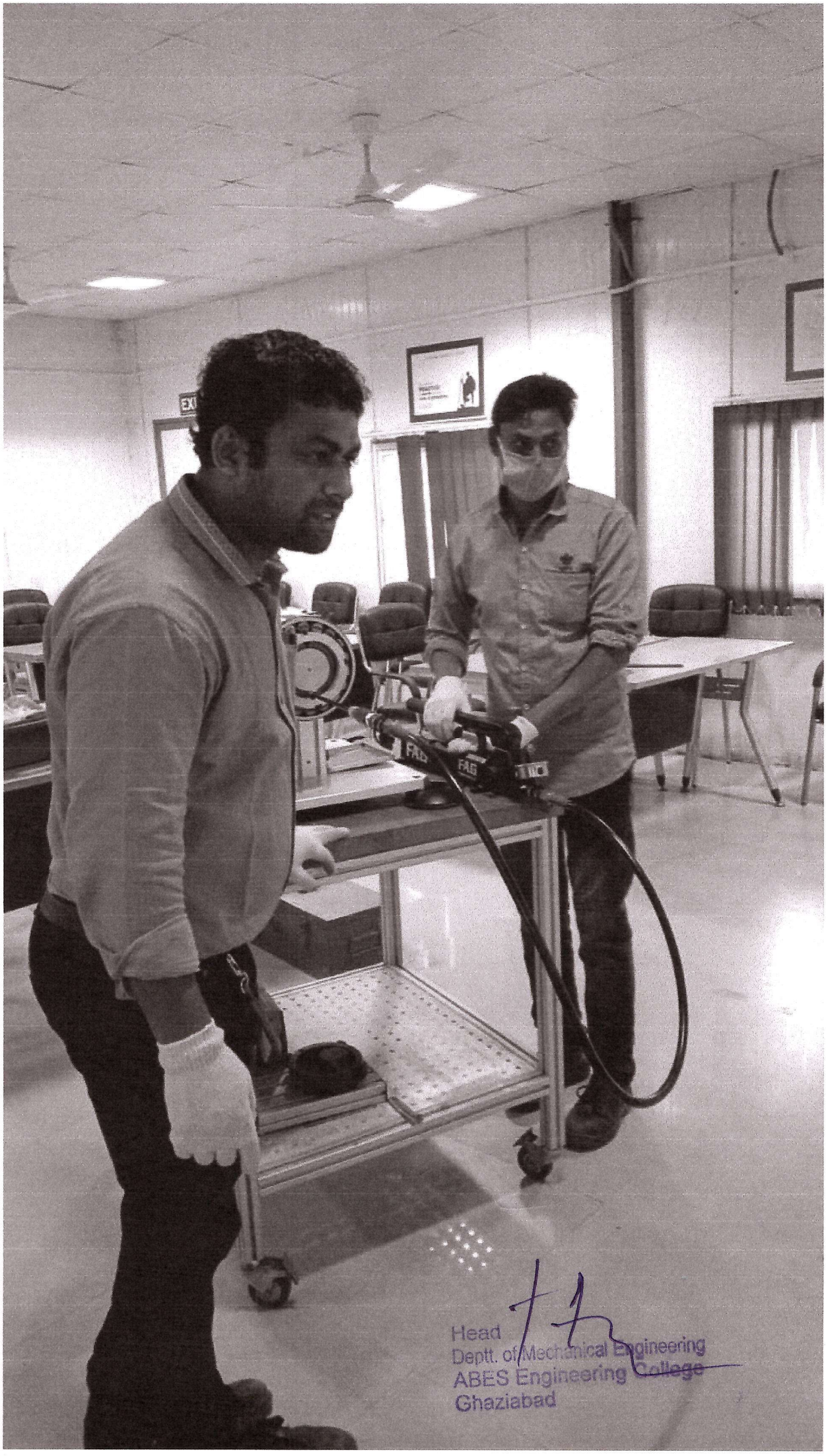
Target Audience: a total of 25 students from 3rd and 1 faculty had attended this session.

Demonstrated by: Kalinganagar Smart Class, Tata Steel Limited.

Convener:

Prof. (Dr.) R. K. Shukla, HOD -ME

Head
Deptt. of Mechanical Engineering
ABES Engineering College
Ghaziabad



Head
Deptt. of Mechanical Engineering
ABES Engineering College
Ghaziabad

S.No.	Email	Student Name	Contact number
1	antriksh.18bme1020@abes.ac.in	Antriksh	7906829870
2	himanshu.18bme1105@abes.ac.in	Himanshu Gautam	9667357602
3	divyansh.18bme1111@abes.ac.in	Divyansh Tyagi	9675158812
4	arpit.18bme1091@abes.ac.in	Arpit Mani Tripathi	9565594892
5	ayush.18bme1058@abes.ac.in	Ayush Singh	8529610851
6	paras.18bme1012@abes.ac.in	Paras	8826588750
7	ashish.18bme1010@abes.ac.in	Ashish Sharma	9315997957
8	tarun.18bme1103@abes.ac.in	Tarun Chugh	6399986666
9	avinav.18bme1181@abes.ac.in	Avinav Tyagi	9625595708
10	divyansh.18bme1062@abes.ac.in	Divyansh Parashar	9027753790
11	baij.18bme1048@abes.ac.in	BaijNath Verma	9129734807
12	jitendra.18bme1065@abes.ac.in	Jitendra Kumar Tiwari	9205106169
13	rajan.18bme1113@abes.ac.in	Rajan Patel	8299420961
14	vivek.18bme1145@abes.ac.in	Vivek Pathak	8650111666
15	akshat.18bme1126@abes.ac.in	Akshat Mittal	9045750685
16	abhishek.18bme1037@abes.ac.in	Abhishek Yadav	9616562100
17	rishabh.18bme1128@abes.ac.in	Rishabh Mittal	8954732386
18	mayank.18bme1151@abes.ac.in	Mayank Bisht	8799797108
19	pravesh.18bme1164@abes.ac.in	Pravesh Tyagi	7827072411
20	vishant.18bme1083@abes.ac.in	Vishant Baliyan	9759824472
21	utkarsh.18bme1055@abes.ac.in	Utkarsh Singh	6388637310
22	raj.19b403002@abes.ac.in	Raj Gaurav Pandey	7408873727
23	satyam.18bme1028@abes.ac.in	Satyam Tripathi	6388885679
24	prabhansh.18bme1190@abes.ac.in	Prabhansh Tripathi	7398270109
25	harsh.18bme1160@abes.ac.in	Harsh Sharma	9717594913

S.No.	Email	Faculty Name	Contact Number
1	saurabh.awasthi@abes.ac.in	Mr. Saurabh	9990437443