



# NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

## Department of Mechanical Engineering

### INDUSTRIAL VISIT REPORT

Department of Mechanical Engineering organised industrial visit for third semester mechanical engineering students to Trinity NDT Labs Bangalore and Mighty Machines Bangalore on 04/02/2021.

Industrial visit got well response from students community with 110 participants of third semester.

#### **About-Trinity NDT Labs Bangalore:**

**Trinity NDT** is a world class Non-destructive Testing-NDT company providing Non-destructive Testing services, Welding Inspection Services, Aerospace NDT, Training & Certification courses and ASNT NDT Level III & Welding Consulting services.

Trinity NDT Labs at Bangalore, Karnataka in India are NABL accredited ISO17025 certified for scope in Radiography testing, Ultrasonic testing, Eddy Current testing, Magnetic particle inspection and Penetrant testing. The NDT company is also approved by Centre for Military Airworthiness CEMILAC, Ministry of Defence Government of India, Hindustan Aeronautics Ltd HAL, Cairn Energy, Siemens, GE, L&T Aerospace and other leading engineering and aerospace companies.

**Take away from students: Students were exposed to various NDT methods. The Staff members of NDT were given demo of all NDT methods. The following NDT methods were observed during the visit;**

- **Ultrasonic testing**
- **Magnetic particle testing**

- Liquid penetrant testing
- Radiography testing
- Radiography film interpretation
- Visual testing
- Ultrasonic thickness gauging



### **About- Mighty Machines Bangalore:**

Mighty Machines is a Bangalore based organization started in 2004 with an objective to make precision machined components with good quality at competitive price with on-time delivery. The industry mainly focusses on manufacturing of hydraulic cylinders, Metal sealing elements and component manufacturing using CNC machines.

**Take away from students: Students were exposed to various CNC machines like HMC, VMC and CNC lathes, Multiaxis CNC Machines. Students are also observed the various operations and the products produced by CNC machines.**

### **Products:**

- CNC Machining Parts
- Crusher Machine Parts
- Wind Mill Gear Box Parts
- Castings and Forging Parts



- Sub Assembly & Projects
  - Plain and Eccentric Shafts
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## Student Participants

Sl.NO.	USN	Name
1	1NH19ME002	ABDUL QUDDUS
2	1NH19ME003	ABHINAV K S
3	1NH19ME004	ABHINAV SAXENA
4	1NH19ME005	ABHISHEK NAIR
5	1NH19ME006	ADARSH B
6	1NH19ME009	AKASH H M
7	1NH19ME010	AKSHAY P K
8	1NH19ME011	OOMMEN
9	1NH19ME012	AMIT KUMAR
10	1NH19ME013	AMULYA CHOUDARY K
11	1NH19ME014	ANISH KUMAR SINGH
12	1NH19ME015	ANJANKUMAR M S
13	1NH19ME016	ANKITH R
14	1NH19ME017	ASHISH KUMAR
15	1NH19ME018	ASWAJIT B
16	1NH19ME020	AVUTALA DHEERAJ REDDY
17	1NH19ME021	BALARAM SAHOO
18	1NH19ME024	CHARAN VENKATESH
19	1NH19ME026	CHIRRAYU REDDY R
20	1NH19ME034	GOURAB CHATTERJEE
21	1NH19ME035	GOUTHAMI H G
22	1NH19ME036	GOWTHAM M
23	1NH19ME038	HARIPRASAD L
24	1NH19ME039	HARISH JUNG SHAHI
25	1NH19ME040	HARIT YADAV
26	1NH19ME042	HEMANTH M REDDY
27	1NH19ME043	HEMANTH VENKATRAMAN B
28	1NH19ME044	HIMNESH PRASAD
29	1NH19ME045	HRISHIKESH SINGH
30	1NH19ME046	J ALLAN VISHAL
31	1NH19ME048	JATHIN B
32	1NH19ME049	JAYA PRAKASH DV
33	1NH19ME050	JAYAVARDHAN P
34	1NH19ME051	JEMIMA KYRA JONATHAN
35	1NH19ME052	K DWARIKANATH SUBUDHI
36	1NH19ME053	K PAWAN KALYAN REDDY
37	1NH19ME055	KEERTHI BHUSHAN S
38	1NH19ME056	KIRAN KUMAR R
39	1NH19ME057	KISHAN S A
40	1NH19ME060	LAXMAN BIRADAR
41	1NH19ME062	M JEETHENDHRA

42	1NH19ME063	M POORNESH
43	1NH19ME061	LINGARAJ V MUDHOL
44	1NH19ME068	MITHUN KRISHNA M
45	1NH19ME070	RAGHAVENDRA N
46	1NH19ME071	NAGAREDDY
47	1NH19ME072	NAHUSH P N
48	1NH19ME073	NAMA VNS AJAY BABU
49	1NH19ME074	NANDA KUMAR N
50	1NH19ME075	NANDHA KUMAR S
51	1NH19ME077	NEEHA CHOWDHURY
52	1NH19ME078	NEIL DHIRAN SALDHANA
53	1NH19ME079	NIKHIL M Y
54	1NH19ME080	V V NIRAJ
55	1NH19ME085	PAVAN K H
56	1NH19ME087	PRADYUN GOWDA R
57	1NH19ME089	PRASHANT
58	1NH19ME090	PREETHI RAI
59	1NH19ME091	R DHANUSH ADITYA
60	1NH19ME092	RAKSHITH R
61	1NH19ME095	S MASOOD FAROOQ
62	1NH19ME097	SANJAY L
63	1NH19ME098	SASHIDHARAN SUDHARSAN
64	1NH19ME099	SATHISH P
65	1NH19ME100	SHAH FAHAD SABOON
66	1NH19ME101	SHAKTHI PRASAD G
67	1NH19ME102	SHASHANK GUNDAGOL
68	1NH19ME103	SHASHANK
69	1NH19ME104	SHASHANK S BURANPUR
70	1NH19ME105	SHIVAM DEO
71	1NH19ME107	SHREAY KUMAR
72	1NH19ME109	SIMRA AHAMED
73	1NH19ME110	SUNDEEP SINGH KANWAR
74	1NH19ME111	SUNIL S
75	1NH19ME112	SUNKARA SIVA NAGA SUDHEER
76	1NH19ME114	TANUSH KRISHNA
77	1NH19ME116	THARUN Y N
78	1NH19ME117	THEJUS H M
79	1NH19ME118	UDAY N SHETTY
80	1NH19ME119	V K CHANDRA SEKHAR
81	1NH19ME121	VEMURI GIRI BABU
82	1NH19ME122	VIJAY H B
83	1NH19ME124	VINAY H V

84	1NH19ME125	VINAY M
85	1NH19ME126	VINAY T N
86	1NH19ME127	VINUTH KUMAR N
87	1NH19ME128	YASHWIN GOWDA B P
88	1NH19ME129	TAZEEM ABBAS KHAN
89	1NH19ME700	ABDUL HANNAN
90	1NH19ME701	ABHILASH V
91	1NH19ME702	AJAY CHANDRAN R
92	1NH19ME703	AJAY KUMAR B N
93	1NH19ME704	AJAY SAMPRATH T V
94	1NH19ME705	ALLAN JONAS ADDANKI RAVI
95	1NH19ME706	ANIL KUMAR M
96	1NH19ME707	ANUKA VARSHA
97	1NH19ME708	ASHISH PRAMOD

98	1NH19ME709	B N NAVEEN
99	1NH19ME710	CHERAKULA ROHITH
100	1NH19ME711	D S HEMANTH
101	1NH19ME712	DARA SAMUEL VARUN PRASHANTH
102	1NH19ME713	DEEPAK K
103	1NH19ME714	DEVAKRISHNAN J
104	1NH19ME715	G DEEPAK
105	1NH19ME716	GAGANDEEP C
106	1NH19ME717	GANTA UDAY KIRAN
107	1NH19ME718	HARSH BHATT
108	1NH19ME728	S ASHWIN
109	1NH19ME729	S VINOTHKUMAR
110	1NH19ME730	SAMANTH S