



Karnatak Law Society's
Vishwanathrao Deshpande Institute of Technology, Haliyal
(Approved by AICTE, New Delhi. Affiliated to VTU, Belagavi)
(Recognized Under Section 2(f) by UGC, New Delhi)
Udyog Vidya Nagar, Haliyal – 581329, Dist: Uttara Kannada
Phone: 08284-220861, 220334, 221409, Fax: 08284-220813
Web: www.klsvdit.edu.in Email: klsvdit@yahoo.com / principal@klsvdit.edu.in



Report on Industrial Visit to AIRTECH Dharwad

Date of visit: 17/12/2021

Industry Visited: AIRTECH Pvt. Ltd.

5th KM, N.H.4,

Narendra

Dharwad-05

Sem & Div: V 'A'

Branch: Mechanical Engineering

No. of students: 38

Staff:

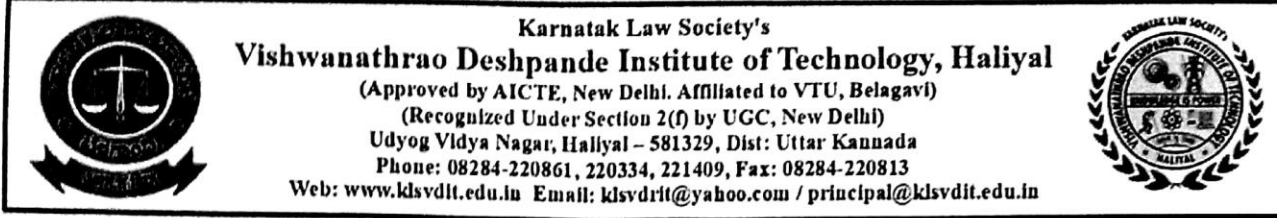
- **Prof. Gurunath Mewundi**
- **Prof. R. J. Talapati**



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Request letter to industry:



KLS/VIDIT/529/2021-22

To,
The Managing Director
AIRTECH Pvt. Ltd.
5th km, National Highway No.4
Village Narendra, Dharwad-580005

Date:10/12/2021

Dear Sir,

Sub: Industrial visit to your organisation

With reference to the subject mentioned above we request you to permit our students of V sem **Mechanical engineering students** to visit your esteemed organization on 17/12/2021. This will help the students to enhance the technical knowledge by observing state of the art facilities at your industry. The number of students visiting and the faculty accompanying them will be intimated to you prior to the visit. Kindly accord the permission.

Thanking You,

With warm regards,

HOD

HOD
Mechanical Engineering
KLS Vishwanathrao Deshpande
Institute of Technology
Haliyal-581329

Principal

Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



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Permission from the industry:

AIRTECH
PVT. LIMITED

5th Km., National Highway No.4, (Next to Agricultural College),
Village Narendra, DHARWAD - 580 005. (Karnataka State) - INDIA

Phone : 2780085, 2780080
Fax No. (0836) 2780095
email : contact@airtechindia.com
CIN-U29192KA1979PTC003680

11th December, 2021

The Principal,
Vishwanathrao Deshpande Institute
Of Technology,
Udyog Vidya Nagar, Haliyal,
UTTAR KANNADA – 581 329.

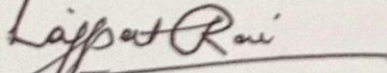
Dear Sir,

Sub:- Permission for Industrial Visit.

With reference to your Ref. No. 62 KLS/VDIT/529/2021-22 dated:10/12/2021, we hereby confirm that you may send your V semester Mechanical Engineering. Students for Industrial visit on **17th December, 2021** between 10.30 A.M. to 3.00 P.M. to our organization with prior intimation.

Thanking you,

Yours faithfully,
For AIRTECH PRIVATE LIMITED,


LASPATRAI
MANAGING DIRECTOR.



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Products:

- Closed centre chucks
- Open centre chucks
- Collet chucks
- Face plate chucks
- Manual & auto indexing chucks
- Jigs & fixtures
- Cylinders
- Automotive components to OEMs

Machinery/ Facilities:

- Conventional machines (lathe, drilling m/c, milling m/c, grinding m/c)
- Special purpose machines
- CNC turning centre
- Vertical machining centre
- Horizontal machining centre
- CNC drill tap machines
- Pressure die casting machine
- Robot for part unloading
- Heat treatment furnaces



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Photographs:





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Questionnaire and feedback collected through Google form:

Google form link: <https://forms.gle/KiwmAM86yCQgrcPx6>

Student name	USN	Roll No.	What types of machines did you see?	What are the components/parts manufactured at AIRTECH?	Brief your learning points.
RAMAPPA ARALIMATTI	2VD19ME032	29	Milling, lathe, CNC	Lathe machine head, chucks	Lathe machine head Joining , there parts, and etc
Gourish G Tegginahalli	2VD19ME019	17	Milling machine, CNC machine, drilling, tapping etc..	They will do the parts of cnc machine like Chuck's and cylinders etc	This is our first mechanical industry visit we have learnt so many things wat actually The airtech company do they do parts for cnc machine in making of that parts all types of process are done for the production of that parts
GOPAL SAVANT	2VD19ME018	16	CNC machines, milling machine, drilling machine, tapping machine, Heat treatment machines etc.	CNC chucks and cylinders	we are understood that what are the processes done to manufacture products from raw materials.
Karthik Shreedhar Kalal	2VD19ME023	21	CNC Machines, Milling machines , Drilling machines, Tapping machines, etc	Chucks and Cylinders	In that industry we learn about steps in manufacturing of different types of chucks and different types of materials used in manufacturing. We learnt about different types machining process like heat treatment, Designing product, Turning, Facing , Drilling , Threading by using manual and automatic machines.
Veeranna P Mugalihal	2VD19ME049	45	CNC machine, milling machine, drilling machine, tapping machine, etc.....	Chucks and cylinders	In that industry we learn about steps in manufacturing in different types of materials used in manufacturing. we learnt about different types of machining process like heat treatment, designing products, Turning, Facing, Drilling, Threading by using manual and automatic machines
Abhishek P Munyal	2VD19ME003	02	CNC Lathe machines	Chucks, CNC (machinery parts) cylinders, Jaws,	Inroduced us to various processes that are involved in making chucks.
Vittal Gunaga	2VD19ME051	47	Alluminium high pressure die casting and CNC machining	Power Chucks, special chucks, jaws, manual chucks, rotary cylinders	I have learnt many things how they manufacture the power chucks from small size to big size, that can be use for various industries and institutions. Thus I can ensure that the industrial visit was worth and I've learnt many things from scratch.
Atreya Deshpande	2VD19ME011	09	CNC, VMCs, cutting and moulding machine tapping machine, lathe machine etc	Mainly Chucks and some moulding parts	We came to know about the working of the CNC and VMCs, we got to know different type of processes undergo in preparation of the parts like Chuck's etc, we came to know about



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					different type of unit present in a factory
Rohit Emmoji	2VD19ME035	32	Cnc ,milling , Drilling, Tapping,etc	Chucks and Cylinders	In airtech industry we observe that how the chuck parts are prepared. The types of machines used and their working,the material used in the preparation of checks. Number of processes check preparation involves like selection of material,design of the product. And also the process involves in preparations like milling, drilling,surface tempering, facing,turning,threading,etc. And also the using of manual and automatic machines.
Abhishek S Neeralagi	2VD19ME004	3	Different lathe machines ,drilling machines,milling machines etc,	Chucks are manufactured,and different vehicle engines parts.	We learn how to made chucks and also the working procedure in a company.
Akshay P Raikar	2VD19ME007	05	Lathes drilling and grinding	Chuck parts	Learning about CNC machines & production operations
Shivanand Ayyappanavar	2VD19ME040	37	CNC,VMC,Cutting machines and Moulding machines	Chucks ,moulding parts and drilling parts	We learned about operations of CNC and VMC machines and working of there management