

ALVA'S INSTITUTE OF ENGINEERING
AND TECHNOLOGY, MOODBIDRI



KGTTI MOU
Activity Report
2023-24

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI
TRAINING PROGRAM



ALVA'S
Education Foundation

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(A Unit of Alva's Education Foundation @ Moodbidri)

Affiliated to Visvesvaraya Technological University, Belagavi

Approved by AICTE, New Delhi & Recognised by Government of Karnataka

Accredited by NAAC with A+ Grade and NBA (CSE & ECE)

Ref: AICTE/Aca/2023-2024/387

Date: 23/10/2023

From,

The Principal
Alva's Institute of Engineering & Technology,
Shobhavana Campus,
Mijar, Moodbidri,
Dakshina Kannada District - 574225.

To,

Mr. Rakshith
Karnataka German Technical Training Institute
Govt Polytechnic Campus, Kabettu,
Karkala-574104,
Udupi, Karnataka.

Respected Sir,

Sub: Permission for Internship Programme

The students listed below are the bonafide students of this institution studying in III Year (V Semester) B.E (Mechanical Engineering) and they would like to undergo an internship training programme at your esteemed organization from 26/10/2023 to 26/11/2023.

We request you to kindly provide them an opportunity to acquire additional knowledge by way of granting permission to undergo training.

We would be obliged, if you could kindly issue certificates from your end to the students after the successful completion of their training programme.

Students Name:-

- Mr. Mohammed Swalih (4AL21ME007)
- Mr. Melwin Vinay Sera (4AL21ME006)
- Mr. Navaneeth Shetty (4AL21ME009)
- Mr. Charan Kumar (4AL21ME004)
- Mr. Sudesh D shetty (4AL21ME015)
- Mr. Ajith R (4AL21ME001)
- Mr. Akshay Krishna M4AL21ME003)

PRINCIPAL

Alva's Institute of Engineering & Technology,
Mijar, MOODBIDRI - 574 225, D.K

Kindly allow

Handwritten signature
H.O.D.

Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Tech
Mijar, MOODBIDRI - 574 225

Shobhavana Campus, Mijar, Moodbidri - 574225, Mangalore, Karnataka, India

☎ 08258-262724 (O), 262725 (R)

✉ principal@alvaicet.org.in www.alvaicet.org.in

KARNATAKA GERMAN TECHNICAL TRAINING INSTITUTE
KARKALA
Government polytechnic campus, kabettu, Karkala-574104



Date: 30-11-2023

To,
The Principal
Alva's Institute of Engg. & Technology
Shobavana Campus,
Mijar, Moodbidri,
Dakshina Kannada - 574225

Dear sir,

This is to inform you that on the receipt of your request letter with ref. no. AIET/Aca/2023-2024/387 dtd. 23-10-2023, The below listed students who are studying BE in Mechanical Engineering program from your college are permitted to undergo One month Internship Training at our centre, Karkala.

The following students were sincere and followed the Institution's rules/regulations, safety guidelines and SOP's which are prevailing in the Institution during the Internship period.

The students who have undergone internship from 26-10-2023 to 26-11-2023 are as follows:

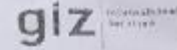
- 1) Mr. Mohammed Swalih (4AL21ME007)
- 2) Mr. Melwin Vinay Sera (4AL21ME006)
- 3) Mr. Navaneeth Shetty (4AL21ME009)
- 4) Mr. Charan Kumar (4AL21ME004)
- 5) Mr. Sudesh D Shetty (4AL21ME015)
- 6) Mr. Ajith R (4AL21ME001)
- 7) Mr. Akshay Krishna M (4AL21ME003)

This is for your information / records.

Thanking you,

For KGTTI Karkala

H.O.D.
Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Tech
Mijar, MOODBIDRI - 574 225




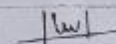
KARNATAKA GERMAN TECHNICAL TRAINING INSTITUTE

(Under Society for Karnataka German Multi Skill Development Center)

Govt. Polytechnic Campus, Kabbettu, Karkala – 574104, Udupi Dist. Ph: 08258-200451, 8277741731

REGISTRATION FORM

Application No. _____

Full Name (As per SSLC Certificate)	SUDESH D SHETTY	
Father's Name	DINESH	
Date of Birth DD/MM/YY	7/10/2003	
Gender:	<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	
Category	<input type="checkbox"/> General <input checked="" type="checkbox"/> OBC <input type="checkbox"/> SC <input type="checkbox"/> ST <input type="checkbox"/> Minority	
Adhaar Card No.	4763 7623 6963	
Qualification	<input type="checkbox"/> SSLC <input type="checkbox"/> ITI <input type="checkbox"/> PUC <input type="checkbox"/> DIPLOMA <input checked="" type="checkbox"/> Degree Pursuing <input type="checkbox"/> Degree Year of Passing : 2025 Branch: mechanical	
College	Alva's Institute of Engineering & Technology	
Communication Address	Kolluri House, mijar post, mangalore Taluk, D.K district Pin Code: 574225	
Permanent Address:	Kolluri House, Mijar Post, mangalore Taluk, Dakshin Kannada Pin Code: 574225	
Phone No.:	Mobile: 8261082693 Emergency Contact No.:	
E-mail: sudeshtetty94@gmail.com	Sponsored by (if any):	
Employed: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If Yes, Company Name:	
How did you know about KGTTI	<input type="checkbox"/> Friends <input type="checkbox"/> Newspaper <input type="checkbox"/> FM <input type="checkbox"/> Hoarding <input type="checkbox"/> T.V. <input checked="" type="checkbox"/> Others	
Course opted:	<input type="checkbox"/> Cisco IT Essentials <input type="checkbox"/> Master CAM <input checked="" type="checkbox"/> CNC-Turning & Milling <input type="checkbox"/> CNC-Turning <input type="checkbox"/> CNC-Milling <input type="checkbox"/> AUTOCAD <input type="checkbox"/> CATIA <input type="checkbox"/> Tally ERP/Prime <input type="checkbox"/> CCNA	
Preferred Timings :	<input type="checkbox"/> 7.30 AM – 9.30 AM <input type="checkbox"/> 9.30 AM – 1.30 PM <input type="checkbox"/> 9.30 AM – 11.30 AM <input type="checkbox"/> 2.30 PM – 4.30 PM <input type="checkbox"/> 11.30 AM – 01.30 PM <input type="checkbox"/> 4.30 PM – 6.30 PM	
Place: Mijar	Date: 18-10-23 Signature of the Candidate: 	

OFFICE USE ONLY

Document copies Enclosed: ☐ SSLC ☐ Caste & Income Certificate ☐ Highest Qualification ☐ Aadhaar Card
☐ Photos 3 nos

Course Enrolled For: _____ Batch No. _____

Total Fees: _____ Fees Paid: _____

Balance Fees: _____ Due Dates: _____

Date: _____ KYC Verification: _____

Admin & Account Asst. Signature: _____ DIRECTOR

INTERNSHIP REPORT ON CNC MACHINIST- TURNING AND MILLING

The Government of Karnataka considers skill development to be an important aspect for industrial development and has kick started five centers to expand network of KGTTIs across the State of Karnataka. With the existing KGTTI Centers and the promise of many more to come, KGTTIs are sure to enhance employability and increase the quality of work, not only in the State but also across the nation and the world. Karnataka German Technical Training Institute, with its world-class vocational training centers has set a benchmark in skill development. The focus is to offer skill-specific training that will help students find excellent job opportunities in the global workplace and also encourage entrepreneurship among the youth.

Our students have attended the 04 weeks of internship program in KGTTI Karkala center. The training was held between 06/11/2024- 16/11/2024. The following students were underwent internship program.

Sl . no	NAME	USN
1	AJITH R	4AL21ME001
2	CHARAN KUMAR	4AL21ME004
3	MELWIN VINAY SERA	4AL21ME006
4	MOHAMMED SWALIH	4AL21ME007
5	NAVANEETH SHETTY	4AL21ME009
6	SUDESH D SHETTY	4AL21ME015
7	AKSHAY KRISHNA M	4AL21ME003

Our students worked in the CNC milling and as well as CNC turning where they learnt how to run the machine and we were thought how to write a program for all different operation. They gained a valuable experience working in a team environment every day they had two session on CNC turning and CNC milling, In the morning session they were given theoretical knowledge and in the afternoon they were given practical training. The first two weeks they were

given training on CNC turning and another two weeks they were given CNC milling training. It was an wonderful experience operating the machine both the CNC turning and CNC milling.

CNC turning is a machining process that utilizes computer numerical control (CNC) technology to create cylindrical parts by removing material from a rotating workpiece. In CNC turning, the workpiece is held in a chuck and rotated while a cutting tool is fed into the material to remove unwanted material and shape the part to the desired dimensions. CNC turning involves the rotation of a workpiece on a lathe while a cutting tool removes material from the surface. The cutting tool is controlled by a computer program that specifies the tool path and cutting parameters. CNC turning requires the creation of a computer program that specifies the tool paths, cutting speeds, and other machining parameters. This programming can be done manually using G-code or through computer-aided manufacturing (CAM) software. CNC turning offers high levels of accuracy and precision, making it suitable for producing complex parts with tight tolerances. The CNC control system ensures consistent and repeatable machining results.

Overall, CNC turning is a widely used machining process that offers high precision, efficiency, and versatility for producing a wide range of cylindrical parts across various industries.

CNC milling is a machining process that utilizes computer numerical control (CNC) technology to remove material from a workpiece using rotating cutting tools. Unlike CNC turning, which primarily creates cylindrical parts, CNC milling is capable of producing a wide variety of shapes and features on a workpiece.



Fig: Finished work Piece

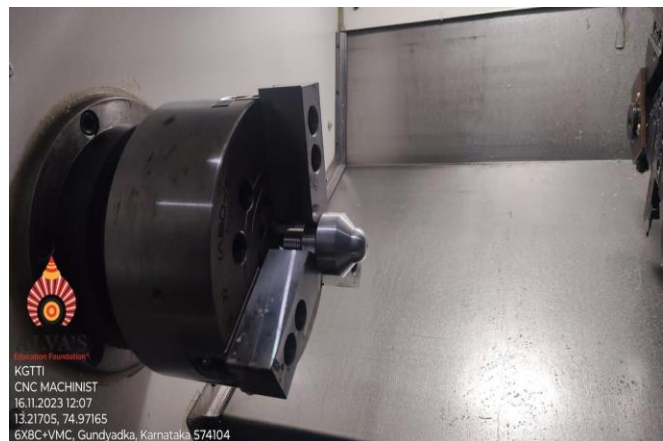



Fig: Lathe Machine Head



Fig: Students at KGTTI Karkala



HOD
H. O. D.
Dept. Of Mechanical Engineering
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Principal
PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K



KARNATAKA GERMAN TECHNICAL TRAINING INSTITUTE-KARKALA



CERTIFICATE

Sl. No : 32607

This is to certify that
AKSHAY KRISHNA M



has successfully completed a training

programme under CMKKY in

CNC MACHINIST – TURNING AND MILLING

Course Duration : 160 Hrs.

Student ID

SAF1352944

Batch Code

CNC – 03

Certificate No

KRK – 0586

Course Co-ordinator

S. O. D.
Dept. Of Mechanical Engineering
Karnataka Institute of Engg. & Technology
Mijar, MOODSIDI - 574 235



Director

S. O. D.

KGTti-KARKALA

Date of issue : 24 – Jan – 2024

Project Promoted by



Technical Consultancy by



Government Polytechnic Campus,
Kabettu, (Near MPM First
Grade College), Udupi District
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Web: www.kgtti.com