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Campus: Khandwa Road, Indore-452020 (M.P.) Phone: +91-07324-405000

• Email: info@svceindore.ac.in • Website: www.svce.vivekanandgroup.com

# **Declaration**

### **Metric 3.5.1**

I declare that all the data, reports and other information enclosed in the metric are authentic to the best of my knowledge.

Criteria In-charge

Dr. Goutam Varma



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Campus: Khandwa Road, Indore-452020 (M.P.) Phone: +91- 07324-405000

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Date: 03/04/2023

### **NOTICE**

This is to inform that Mechanical Engineering Department is organizing a two week Industrial Training program with Shri Jagannath Industries, Indore dated 17/04/2023 to 29/04/2023 for B.Tech 3<sup>rd</sup> year Mechanical Engineering students. The aim of this training is to provide participants with a comprehensive understanding of equipments. Through hands-on activities and practical exercises, attendees will gain the knowledge and skills necessary to deal with the instruments carefully. Students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

Head of Department

ME

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SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

PRINCIPAL SWAMI VIVEKANANĎ COLLEGE OG ENGINEERING KHADINA ROAD, BIDORE



### **A Report**

on

# Industrial Training on Chemicals and Equipments at Shri Jagannath Industries, Indore Dated

17/04/2023 to 29/04/2023

**Academic Session 2022-23** 

IQAC COORDINATOR
SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

PRINCIPAL SWAMI VIVEKANANĎ COLLEGE OG ENGINEERING KHANDWA ROAD, INDORE

#### Report

On

Industrial Training on Chemicals and Equipments at Shri Jagannath Industries, Indore

Organized by: Mechanical Engineering Department

Date: 17/04/2023 to 29/04/2023

Participants: Mechanical Engineering Students

Introduction: The Mechanical Engineering Department of Swami Vivekanand College of Engineering successfully organized a Industrial Training titled "Industrial Training on Chemicals and Equipments" dated April 18<sup>th</sup> to 30<sup>th</sup>, 2022. The training aimed to provide participants with a comprehensive understanding of Paints, Lubricants, Adhesives, Tools, Chemicals, Safety equipments, with various automation and construction tools.

Objectives of the Training

- 1.To familiarize participants with the properties, applications, and best practices of paints, lubricants, adhesives, tools, chemicals, safety equipment, and automation & construction tools.
- 2. To train participants in the safe handling, storage, and usage of these products and tools.
- 3.To provide hands-on experience and practical demonstrations to enhance understanding and skill development.

**Activity Description** 

Training Details:

Date: 17/04/2023 to 29/04/2023

Time: 11:00 AM - 03:00 PM

Venue: Shri Jagannath Industries, Indore

Outcomes

Enhanced Skillset: Students gained practical experience with Safety equipments, with various automation and construction tools.

With various automation and construction tools IOAC COORDINATOR

WAMI VIVEKANAND

■ Improved Knowledge: Participants understood the operational and technical aspects

of Automation.

• Practical Application: Students applied theoretical knowledge in a practical

environment, preparing them for real-world engineering challenges.

**Participation and Engagement** 

The workshop saw enthusiastic participation from the B. Tech Third year Mechanical

Engineering students. The hands-on sessions were particularly well-received, with students

actively engaging in the practical exercises and demonstrating a keen interest in CNC

Operation.

Conclusion

The training on paints, lubricants, adhesives, tools, chemicals, safety equipment, and

automation & construction tools provided participants with a comprehensive understanding

of essential products and tools used across various industries. By acquiring knowledge of

product properties, applications, safety measures, and best practices, participants are better

equipped to contribute effectively to their respective roles and promote workplace safety and

efficiency.

**Event Co-Ordinator** 

Mr. Vishal Wankhade

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL SWAMI VIVEKANAND COLLEGE OG ENGINEERING

SWAMI VIVEKANAND COLLEGE OF ENGINEERING, INDORE					
	Mechanical Engineering Department List of Participating Students (B. E. 3rd year)				
463					
	industrial Training" at Shr 7/04/2023 to 29/04/2023	i Jagannath Industries, Indore			
		Roll No			
1	Arman Singh Yadav	0822ME211001			
2	Atul Rajput	0822ME211002			
3	Devanshu Verma	0822ME211003			
4	Dipak	0822ME211004			
5	Kunal Pawar	0822ME211006			
6	Paras Gamad	0822ME211007			
7	Priyanshu Yadav	0822ME211008			
8	Purva Mulatkar	0822ME211009			
9	Raj Patel	0822ME211010			
10	Raj Tanwar	0822ME211011			
11	Ramawatar Ahirwar	0822ME211012			
12	Ramswarup	0822ME211013			
13	Ravi Savale	0822ME211014			
14	Sandeep Kumar	0822ME211015			
15	Sanjay Akhadiya	0822ME211016			
16	Shubhamvishwakarma	0822ME211018			
17	Sohel Shaikh	0822ME211019			
18	Vinay Choudhary	0822ME211021			
19	Vinit Khade	0822ME211022			

Co-coordinator
Mr. Vishal Wankhade

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL SWAMI VIVEKANANĎ COLLEGE OG ENGINEERING KHANDWA ROAD, INDORE



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Date: 10/11/22

### **NOTICE**

This is to inform that Electrical & Electronics Engineering Department is organizing a six day industrial training program on "Maintenance & APFC Panel Design" from 14/11/2022 to 19/11/2022 for B.Tech 4th year electrical & electronics engineering students. The aim of this training program is to provide participants with a comprehensive understanding of Identify, Select and Test various Relays and Protective Devices. Trouble shoot faults in Electrical Appliances and suggest suitable remedies. Students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

#### **Training Details:**

Date: 14/11/2022 & 19/11/2022

#### **Schedule:**

Day	Date	Session	Description
Day1	14.11.22	Session I	Testing cables for continuity and insulation resistance faults
		Session II	Isolation and Testing for Dead Procedure
Day2	15.11.22	Session I	Testing motors for winding continuity and insulation faults
		Session II	Carryout and testing of earthing system
Day3	16.11.22	Session I	Commissioning test and analysis of test results of various electrical equipments/machines
		Session II	Apply the procedure of unloading of electrical equipments/machines
Day/	17.11.22	Session I	Capacitors selection based on operating conditions
Day4		Session II	Choice of Detuned Reactor Tuning Frequency
Davis	18.11.22	Session I	Physical and Electrical control of PFC relay
Day5		Session II	Installation Rules for capacitors installation
David	19.11.22	Session I	Assembly, Inspection and Testing
Day6		Session II	Installation guidelines for APFC Panels

Head of Department EX

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COLLEGE OG ENGINEERING
KHANDWA ROAD, INDONE



# **A Report**

on

# Six days Industrial Training on Manitenance & APFC Panel Design

**Dated** 

14/11/2022 to 19/11/2022

**Academic Session 2022-23** 

IQAC COORDINATOR
SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

PRINCIPAL SWAMI VIVERANAND COLLEGE OG ENGINEERING KHANDWA ROAD, INDORE Organized by: Electrical & Electronics Engineering Department, Swami Vivekanand College

of Engineering

**Participant**: 18 Students

Introduction The Electrical & Electronics Engineering Department of Swami Vivekanand College of Engineering successfully organized a six day industrial training titled "Maintenance & APFC Panel Design" from Nov 14th to 19th, 2022. The industrial training aimed to provide participants with a comprehensive understanding of Identify, Select and Test

various Relays and Protective Devices.

**Activity Overview** 

Activity Title: Industrial training on Maintenance & APFC Panel Design

Duration: 6 Days

Date: 14/11/2022 to 19/11/2022

Venue: Swami Vivekanand College of Engineering Campus

Instructor: Mr. Ajay Nahra

Expert from EBST Solution Private Limited

**Objectives of the Training** 

Minimizing wastage of energy and ensuring smooth operation of electrical equipment.

Understanding of Identify, Select and Test various Relays and Protective Devices.

**Outcomes** 

**Enhanced Skillset** Students will be able to understand Identification, Selection and Test various Relays and Protective Devices.

• Improved Knowledge: Students will learn how to Calculate capacitors ratings.

• Practical Application: Students applied theoretical knowledge in a practical

environment, preparing them for real-world engineering challenges.

IOAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

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#### Conclusion

The training on Energy Audit given by the expert EBST Solutions Private Limited in assigned location was a resounding success. The activity not only met its objectives but also provided valuable practical experience to the students, thereby contributing significantly to their professional development.

**Event Co-ordinator:** 

Ms. Manisha Gaur

Assistant Professor, Electrical & Electronics

Swami Vivekanand College of Engineering

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL SWAMI VIVEKANAND COLLEGE OG ENGINEERING KHANDWA ROAD, INDORE

# Student List for Industrial Training on "Maintenance & APFC Panel Design" (Session 2022-2023)

S. NO.	Enrollment No.	Name of Students
1	0822EC191006	ANISAR SENANI
2	0822EX191001	ABHISHEK SINGH KUSHWAHA
3	0822EX191002	AKSHANT DANDAK
4	0822EX191003	AMAN SINGH PATEL
5	0822EX191005	AMIT RATHOD
6	0822EX191006	BHAGWAN SINGH MANDLOI
7	0822EX191007	BHUSHAN MAHAJAN
8	0822EX191008	DEEPAK BIRLA
9	0822EX191009	JAYPAL PATEL
10	0822EX191010	MANISH KUMAR SUNDA
11	0822EX191011	MOHIT ENGLA
12	0822EX191012	SAWAN KUSHWAH
13	0822EX203D01	ANIL DHAKAD
14	0822EX203D02	ANKIT JAISWAL
15	0822EX203D06	RAHUL YADAV
16	0822EX203D09	SUFIYAN ANSARI
17	0822EX203D10	SUKHADEV
18	0822EX203D11	VIKASH KHANDE

**Head of Department** 

EX



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Date: 04/01/2023

#### **Notice**

Swami Vivekanand College of Engineering is excited to announce its upcoming Outreach Activity, a Nukkad Natak on the theme of "Dowry System" scheduled to take place at Village Datoda, Indore on January 10, 2023, starting at 10:30 AM onwards. Students assigned for this activity are kindly requested to be present in proper uniform. We are grateful to announce the faculty members who will be guiding and participating in this event: Anjali Bhatiya (Communication), Mr. Kapil Kushwah (Civil Engineering), Mr. Ajay Bhargava (Mechanical Engineering), and Mr. Jayesh Dabi (Electronics and Communication Engg). Your enthusiastic participation and support in spreading awareness on this important social issue are highly appreciated.

Ms. Anjali Bhatiya

**Principal** 

**Event Coordinator** 

SVCE, Indore

CC:

1. Director, SVGI

2. Vice Principal

3. Administrative Officer

4. All Concerned Staff

5. Notice Board

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# **A Report**

on

**One Day Outreach Activity** 

"Nukkad Natak on Dowry System"

on

10/01/2023

**Academic Session 2022-23** 

IQAC COORDINATOR
SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

PRINCIPAL SWAMI VIVERANAND COLLEGE OG ENGINEERING KHANDWA ROAD, INDOME Report on Outreach Activity - Nukkad Natak on Dowry System

**Introduction:** 

Swami Vivekanand College of Engineering, committed to social responsibility, organized an

outreach activity in the form of a Nukkad Natak with the collaboration of Vandevi Social

Welfare Society to raise awareness about the detrimental effects of the dowry system. The event

took place on January 10<sup>th</sup>, 2023, in the village of Datoda.

**Event Details:** 

Date: January 10<sup>th</sup>, 2023

Venue: Village Datoda

Activity: Nukkad Natak on Dowry System

**Objective:** 

To educate and sensitize the community about the adverse consequences of the dowry system.

By using the medium of street theatre, the aim was to engage the audience emotionally and

intellectually, fostering a deeper understanding of the issue and promoting societal change.

**Activities:** 

On the day of the event, the Nukkad Natak was staged at multiple locations across the village,

drawing in a diverse audience. The performances were accompanied by interactive sessions,

allowing spectators to share their thoughts and experiences related to the dowry system.

KHANDWA ROAD, INDORF

Page 13

#### **Conclusion:**

Nukkad Natak organized by Swami Vivekanand College of Engineering emerged as a powerful medium for social change, effectively raising awareness about the detrimental effects of the dowry system and inspiring collective action towards its eradication. By leveraging the transformative potential of street theatre and community engagement, the event exemplified the college's commitment to fostering a more equitable and just society.

Ms. Anjali Bhatiya

**Event Coordinator** 

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### Glimpse of Outreach Activity Nukkad Natak on Dowry System



Glimpse of Outreach Activity Nukkad Natak on Dowry System





PRINCIPAL SWAMI VIVERANAND COLLEGE OG ENGINEERING KHADING ROAD, INDORE

### Glimpse of Outreach Activity Nukkad Natak on Dowry System



#### **Attendance Sheet**

# Swami Vivekanand College of Engineering Attendance of Outreach Activity - Nukkad Natak on Dowry System

S.No.	Enrollment No	Name of Student	Signature
1	0822IT221077	NITIN YADAV	Vidu
2	0822IT221078	NITYA TRIPATHI	Wityo
3	0822IT221082	PARVATI NIGAM	A Sowed P
4	0822IT221094	RAM KUMAWAT	Jun
5	0822IT221095	RANI SHARMA	Deput
6	0822IT221096	RATAN NISHAD	Kalan
7	0822IT221097	RAVINA ABOLE	Tartina
8	0822IT221098	RISHABH MANDLOI	RELABA
9	0822IT221099	RIYA BALAPURE	Trigor
10	0822IT221105	SANDEEP DODIYA	Sender
11	0822IT221106	SANIYA KHAN	Sandyad
12	0822IT221110	SEEMA PAL	Seema
13	0822IT221111	SHILPI SINGH	Shippi
14	0822IT221115	SHIVANI CHOURASIYA	Shineri
15	0822IT221116	SHIVANI PORWAL	Ellun
16	0822IT221119	SHRUTI TIWARI	Sweeter
17	0822IT221120	SHUBHAM SENDHAV	Stubban
18	0822IT221121	SIMRAN CHOYAL	Spring
19	0822IT221122	SIMRAN SAHU	Simean
20	0822IT221131	VANSHIKA VERMA	Marshela

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Date: 22/02/23

### **NOTICE**

This is to inform that Electrical & Electronics Engineering Department is organizing a six day industrial training program on "Energy Audit & Report" from 27/02/2023 to 04/03/2023 for B.tech 4<sup>th</sup> year electrical & electronics engineering students. The aim of this program is to provide participants with a comprehensive understanding of energy conservation, audit, and management principles, and learn how to identify energy saving opportunities. Students may also learn how to prepare energy audit reports and analyze energy efficiency. Students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

#### **Training Details:**

Date: 27/02/2023 & 04/03/2023

#### **Schedule:**

	T	T	
Day	Date	Session	Description
Day1	27.02.23	Session I	Energy Management & Government Programmes
		Session II	Government & EESL Programmes
Dov2	28.02.23	Session I	Energy Audit Basics
Day2	28.02.23	Session II	Duties of Energy Auditor & Manager
Day2	D 0 10000	Session I	Energy Audit Procedure/ Tools/ Techniques/ Equipment
Day3	1.03.23	Session II	Energy Audit Procedure/ Tools/ Techniques/ Equipment
Day4	2.03.23	Session I	Energy Audit Procedure
,		Session II	Financing EEC Activities
Day5	3.03.23	Session I	Case Studies / Best Practices Large Industries (Cement/ Iron & Steel/
Days		Session II	Power Distribution Utilities / Railways Buildings/ Hotel/ Other Sectors
Dove	4.02.22	Session I	Site Visits & Practical Work
Day6	4.03.23	Session II	Developing Energy Audit Report

Head of Department

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# **A Report**

on

# Six days Industrial Training on Energy Audit & Report

**Dated** 

27/02/23 to 04/03/23

**Academic Session 2022-23** 

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL SWAMI VIVEKANANĎ COLLEGE OG ENGINEERING KHANDWA ROAD, INDORE Organized by: Electrical & Electronics Engineering Department, Swami Vivekanand College

of Engineering

**Participant**: 20 Students

Introduction The Electrical & Electronics Engineering Department of Swami Vivekanand College of Engineering successfully organized a six days industrial training titled "Energy Audit & Report" from Feb 27th to March 4th, 2023. The industrial training aimed to provide participants with a comprehensive understanding of of energy conservation, audit,

and management principles, and learn how to identify energy saving opportunities.

**Activity Overview** 

Activity Title: Industrial training on Energy Audit & Report

**Duration: 6 Days** 

Date: 27/02/2023 to 04/03/2023

Venue: Swami Vivekanand College of Engineering Campus

Instructor: Mr. Manish Shah

Expert from Empirical Solution Private Limited

**Objectives of the Training** 

To understand Energy Audit procedure along with relevant technologies/ tools.

To understand Energy Conservation measures undertaken across different user segments using

case studies.

To develop Energy Audit Report writing skills

To understand energy conservation, audit, and management principles.

To learn how to prepare energy audit reports and analyze energy efficiency.

**Outcomes** 

**Ehhanced Skillset** Students will be able to understand energy conservation, and and and an area and an area and area and area and area area.

management principles.

SWAMI VIVEKANANÓ COLLEGE OG ENGINEERING KHANDWA ROAD, INDORE

IOAC COORDINATOR COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

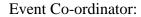
Page 20

 Improved Knowledge: Students will learn how to prepare energy audit reports and analyze energy efficiency.

 Practical Application: Students applied theoretical knowledge in a practical environment, preparing them for real-world engineering challenges.

#### Conclusion

The training on Energy Audit given by the expert Empirical Solutions Private Limited in assigned location was a resounding success. The activity not only met its objectives but also provided valuable practical experience to the students, thereby contributing significantly to their professional development.



Ms. Manisha Gaur

Assistant Professor, EXD

Swami Vivekanand College of Engineering

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COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

PRINCIPAL SWAMI VIVERANAND COLLEGE OG ENGINEERING KHANDINA ROAD, INDORE

# Student List for Industrial Training on "Energy Audit & Report" (Session 2022-2023)

S. NO.	Enrollment No.	Name of Students
1	0822EC191006	ANISAR SENANI
2	0822EX191001	ABHISHEK SINGH KUSHWAHA
3	0822EX191002	AKSHANT DANDAK
4	0822EX191003	AMAN SINGH PATEL
5	0822EX191005	AMIT RATHOD
6	0822EX191006	BHAGWAN SINGH MANDLOI
7	0822EX191007	BHUSHAN MAHAJAN
8	0822EX191008	DEEPAK BIRLA
9	0822EX191009	JAYPAL PATEL
10	0822EX191010	MANISH KUMAR SUNDA
11	0822EX191011	MOHIT ENGLA
12	0822EX191012	SAWAN KUSHWAH
13	0822EX203D01	ANIL DHAKAD
14	0822EX203D02	ANKIT JAISWAL
15	0822EX203D06	RAHUL YADAV
16	0822EX203D09	SUFIYAN ANSARI
17	0822EX203D10	SUKHADEV
18	0822EX203D11	VIKASH KHANDE

**Head of Department** 

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Date: 03/10/22

The Computer Science Engineering Department is organizing a two-week industrial training on "JAVA" from 10<sup>th</sup> October 2022 to 22nd October 2022 for B.Tech third year Computer Science Engineering students. The aim of this industrial training is to provide participants with a comprehensive understanding of JAVA language. Through hands-on activities and practical exercises, attendees will gain the knowledge and skills necessary to handle the complex programs. Students are required to contact the department for the mentioned program. Certificates will be provided to all the participants.

#### **Training Details:**

Date: 10/10/2022 to 22/10/2022

#### **Workshop Schedule**

Day	Date	Session	Description
Day 1	10/10/2022	Session I	Introduction to java
Day 2	11/10/2022	Session II	History to java
Day 3	12/10/2022	Session III	Application to java
Day 4	13/10/2022	Session IV	Programming Fundamentals
Day 5	14/10/2022	Session V	Hands-On Practice I
Day 6	15/10/2022	Session VI	Fundamental in java
Day 7	17/10/2022	Session VII	Hands-On Practice II
Day 8	18/10/2022	Session VIII	Operators & Expressions
Day 9	19/10/2022	Session IX	Input-Output Functions
Day 10	20/10/2022	Session X	Hands-On Practice III
Day 11	21/10/2022	Session XI	Control Statement
Day 12	22/10/2022	Session XII	Strings & Pointers

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PRINCIPAL SWAMI VIVEKANAND COLLEGE OG ENGINEERING KHANDWA ROAD, INDORE



# **A Report**

on

# Two Weeks Training on Java

**Dated** 

10/10/2022-21/10/2022

**Academic Session 2022-23** 

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL SWAMI VIVEKANANÓ COLLEGE OG ENGINEERING KHANDWA ROAD, RIDORE

#### Report On

#### Java

**Organized by:** Computer Science Engineering Department, Swami Vivekanand College of Engineering

**Introduction:** The Computer Science Engineering Department organized a two-week industrial training on "Java" from 10th October 2022 to 22nd October 2022. This training was targeted at B.Tech third year Computer Science Engineering students. The objective was to provide participants with a comprehensive understanding of java language, enhancing their practical skills through hands-on activities and exercises.

**Number of Participants:** A total of 57 students participated in the training. These students were selected from the third year of the B.Tech Computer Science Engineering program, ensuring a focused and relevant learning experience.

**Activity Overview:** The training program was designed to cover various aspects of java language, divided into structured sessions over the two-week period. The workshop schedule included introductory sessions, practical exercises, programming fundamentals, and advanced techniques. Each session was aimed at progressively building the participants' knowledge and skills.

#### **Objectives**

- Comprehensive Understanding: Provide a thorough knowledge of java language, including its principles, operations, and applications.
- Hands-On Experience: Ensure students gain practical experience through hands-on activities and exercises.
- Skill Enhancement: Improve students' ability to handle java language and perform precise program.

• Safety Awareness: Educate participants on safety protocols and best practices in java.

Conclusion: The two-week industrial training on java language was a significant success, providing 57 B.Tech third year Computer Science Engineering students with valuable knowledge and practical skills. The structured schedule and comprehensive curriculum ensured that all participants benefited greatly from the program. The training not only enhanced the students' technical abilities but also prepared them for future industry challenges. The Computer Science Engineering Department looks forward to organizing similar training programs in the future to continue enhancing the skills and employability of its students.

**Report Prepared by** 

Priya Sen

**Assistant Professor** 

SVCE, Indore

# SWAMI VIVEKANAND COLLEGE OF ENGINEERING, INDORE DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

**List of Participating Students** 

Training on "JAVA"

DATE: 10/10/2022 to 22/10/2022

	0/10/2022 to 22/10/2022	EII4 NI
S.No.	Name of the Students	Enrollment Number
1	AAYUSH SAWLE	0822CS201001
2	ABDULLAH ZAID KHAN	0822CS201002
3	ABHISHEK DUBEY	0822CS201003
4	ADHAR SHARMA	0822CS201004
5	AJAY BHALSE	0822CS201005
6	AJAY SHARMA	0822CS201006
7	AJAY VISHWAKARMA	0822CS201007
8	AKSHAT SONI	0822CS201008
9	AMAN	0822CS201009
10	AMAN NAIK	0822CS201010
11	AMIT RAI	0822CS201012
12	AMITESH SAINI	0822CS201013
13	ANEESH SINGH	0822CS201014
14	ANSHUL PARMAR	0822CS201015
15	ATUL PATEL	0822CS201016
16	BHAVESH PATIDAR	0822CS201017
17	DEEPA CARPENTER	0822CS201018
18	DEEPAK PATIDAR	0822CS201019
19	DEEPIKA BIRLA	0822CS201020
20	DEVENDRA DASHLANIYA	0822CS201021
21	DEVENDRA SINGH	0822CS201022
22	GANGA CHOUDHARY	0822CS201023
23	GHABANSHU WAKODE	0822CS201024
24	GOURAV	0822CS201025
25	GOURAV CHOYAL	0822CS201026
26	GOURAV INGLE	0822CS201027
27	GURUSHARAN S. RAJPUT	0822CS201028
28	HARIOM PATEL	0822CS201030
29	HARSH KAKORE	0822CS201031
30	HARSHIT SONI	0822CS201032
31	HARSHITA PAL	0822CS201033
32	HEENA MANSURI	0822CS201034
33	HIMANSHU DESHMUKH	0822CS201035
34	HIMANSHU SHARMA	0822CS201036
35	INDRESH YADAV	0822CS201037
36	JAY AATUDE	0822CS201038
37	JAYESH PATIDAR	0822CS201039



38       JYOTSANA KATARE       0822CS201040         39       KANHA MANDOTRA       0822CS201041         40       KARTIK SOLANKI       0822CS201042         41       KHUSHI JINDAL       0822CS201043         42       KOMAL DHOTE       0822CS201044         43       KOUSHLESH YADAV       0822CS201045         44       KRIPA GAWALI       0822CS201046         45       KUNAL MAHAJAN       0822CS201047         46       KUNAL MALVIYA       0822CS201048         47       KUNDLIK GALPHAT       0822CS201049         48       LOKENDRA RATHORE       0822CS201050         49       LOKESH CHOUHAN       0822CS201051
40       KARTIK SOLANKI       0822CS201042         41       KHUSHI JINDAL       0822CS201043         42       KOMAL DHOTE       0822CS201044         43       KOUSHLESH YADAV       0822CS201045         44       KRIPA GAWALI       0822CS201046         45       KUNAL MAHAJAN       0822CS201047         46       KUNAL MALVIYA       0822CS201048         47       KUNDLIK GALPHAT       0822CS201049         48       LOKENDRA RATHORE       0822CS201050
41       KHUSHI JINDAL       0822CS201043         42       KOMAL DHOTE       0822CS201044         43       KOUSHLESH YADAV       0822CS201045         44       KRIPA GAWALI       0822CS201046         45       KUNAL MAHAJAN       0822CS201047         46       KUNAL MALVIYA       0822CS201048         47       KUNDLIK GALPHAT       0822CS201049         48       LOKENDRA RATHORE       0822CS201050
42       KOMAL DHOTE       0822CS201044         43       KOUSHLESH YADAV       0822CS201045         44       KRIPA GAWALI       0822CS201046         45       KUNAL MAHAJAN       0822CS201047         46       KUNAL MALVIYA       0822CS201048         47       KUNDLIK GALPHAT       0822CS201049         48       LOKENDRA RATHORE       0822CS201050
43 KOUSHLESH YADAV 0822CS201045 44 KRIPA GAWALI 0822CS201046 45 KUNAL MAHAJAN 0822CS201047 46 KUNAL MALVIYA 0822CS201048 47 KUNDLIK GALPHAT 0822CS201049 48 LOKENDRA RATHORE 0822CS201050
44       KRIPA GAWALI       0822CS201046         45       KUNAL MAHAJAN       0822CS201047         46       KUNAL MALVIYA       0822CS201048         47       KUNDLIK GALPHAT       0822CS201049         48       LOKENDRA RATHORE       0822CS201050
45 KUNAL MAHAJAN 0822CS201047 46 KUNAL MALVIYA 0822CS201048 47 KUNDLIK GALPHAT 0822CS201049 48 LOKENDRA RATHORE 0822CS201050
46       KUNAL MALVIYA       0822CS201048         47       KUNDLIK GALPHAT       0822CS201049         48       LOKENDRA RATHORE       0822CS201050
47         KUNDLIK GALPHAT         0822CS201049           48         LOKENDRA RATHORE         0822CS201050
48 LOKENDRA RATHORE 0822CS201050
49 LOKESH CHOUHAN 0822CS201051
50 MADHU KUSHWAHA 0822CS201052
51 MAHENDRA 0822CS201053
52 MANISH PANWAR 0822CS201054
53 MANISH SHARMA 0822CS201055
54 MANN PACHIYA 0822CS201056
55 MITANSHI DEWATWAL 0822CS201057
56 MOHAMMAD AYAN KHAN 0822CS201058
57 MOHAMMAD SHADAB KHAN 0822CS201059

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Date: 01/02/23

The Computer Science Engineering Department is organizing a two-week industrial training on "Python" from 6th February 2023 to 16th February 2023 for B.Tech Final year Computer Science Engineering students. The aim of this industrial training is to provide participants with a comprehensive understanding of Python language. Through hands-on activities and practical exercises, attendees will gain the knowledge and skills necessary to handle the complex programs. Students are required to contact the department for the mentioned program. Certificates will be provided to all the participants.

#### **Training Details:**

Date: 06/02/2023 to 16/02/2023

#### **Workshop Schedule**

Day	Date	Session	Description
Day 1	06/02/2023	Session I	Introduction to python
Day 2	07/02/2023	Session II	History to python
Day 3	08/02/2023	Session III	Application to python
Day 4	09/02/2023	Session IV	Programming Fundamentals
Day 5	10/02/2023	Session V	Hands-On Practice I
Day 6	11/02/2023	Session VI	Fundamental in python
Day 7	12/02/2023	Session VII	Hands-On Practice II
Day 8	13/02/2023	Session VIII	Operators & Expressions
Day 9	14/02/2023	Session IX	Input-Output Functions
Day 10	15/02/2023	Session X	Hands-On Practice III
Day 11	16/02/2023	Session XI	Control Statement

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# A Report

on

# **Two Weeks Training on Python**

**Dated** 

06/02/2023-16/02/2023

**Academic Session 2022-23** 

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#### **Report On**

#### **Python**

Organized by: Computer Science Engineering Department, Swami Vivekanand College of Engineering

**Introduction:** The Computer Science Engineering Department organized a two-week industrial training on "Python" from 6th February 2023 to 16th February 2023. This training was targeted at B.Tech Final year Computer Science Engineering students. The primary objective was to provide participants with a comprehensive understanding of python language, enhancing their practical skills through hands-on activities and exercises.

**Number of Participants:** A total of 57 students participated in the training. These students were selected from the third year of the B.Tech Computer Science Engineering program, ensuring a focused and relevant learning experience.

**Activity Overview:** The training program was designed to cover various aspects of Python language, divided into structured sessions over the two-week period. The workshop schedule included introductory sessions, practical exercises, programming fundamentals, and advanced techniques. Each session was aimed at progressively building the participants' knowledge and skills.

#### **Objectives**

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- Comprehensive Understanding: Provide a thorough knowledge of Python language, including its principles, operations, and applications.
- Hands-On Experience: Ensure students gain practical experience through hands-on activities and exercises.

Skill Enhancement: Improve students' ability to handle Python language and perform

C COORDINATOR precise program.

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• Safety Awareness: Educate participants on safety protocols and best practices in Python.

Conclusion: The two-week industrial training on Python language was a significant success, providing 57 B.Tech Final year Computer Science Engineering students with valuable knowledge and practical skills. The structured schedule and comprehensive curriculum ensured that all participants benefited greatly from the program. The training not only enhanced the students' technical abilities but also prepared them for future industry challenges. The Computer Science Engineering Department looks forward to organizing similar training programs in the future to continue enhancing the skills and employability of its students.

**Report Prepared by** 

Priya Sen

**Assistant Professor** 

SVCE, Indore

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# SWAMI VIVEKANAND COLLEGE OF ENGINEERING, INDORE DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

### **List of Participating Students**

Training on "Python"

DATE: 06/02/2023 to 16/02/2023

S.No.	Name of the Students	Enrollment Number
1	AAYUSH SAWLE	0822CS201001
2	ABDULLAH ZAID KHAN	0822CS201002
3	ABHISHEK DUBEY	0822CS201003
4	ADHAR SHARMA	0822CS201004
5	AJAY BHALSE	0822CS201005
6	AJAY SHARMA	0822CS201006
7	AJAY VISHWAKARMA	0822CS201007
8	AKSHAT SONI	0822CS201008
9	AMAN	0822CS201009
10	AMAN NAIK	0822CS201010
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21	DEVENDRA SINGH	0822CS201022
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23	GHABANSHU WAKODE	0822CS201024
24	GOURAV	0822CS201025
25	GOURAV CHOYAL	0822CS201026
26	GOURAV INGLE	0822CS201027
27	GURUSHARAN S. RAJPUT	0822CS201028
28	HARIOM PATEL	0822CS201030
29	HARSH KAKORE	0822CS201031
30	HARSHIT SONI	0822CS201032
31	HARSHITA PAL	0822CS201033
32	HEENA MANSURI	0822CS201034
33,	HIMANSHU DESHMUKH	0822CS201035
<b>N</b> 34	HIMANSHU SHARMA	0822CS201036
35+	INDRESH YADAV	0822CS201037
ORGINA	KAY AATUDE	0822CS201038

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37	JAYESH PATIDAR	0822CS201039
38	JYOTSANA KATARE	0822CS201040
39	KANHA MANDOTRA	0822CS201041
40	KARTIK SOLANKI	0822CS201042
41	KHUSHI JINDAL	0822CS201043
42	KOMAL DHOTE	0822CS201044
43	KOUSHLESH YADAV	0822CS201045
44	KRIPA GAWALI	0822CS201046
45	KUNAL MAHAJAN	0822CS201047
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51	MAHENDRA	0822CS201053
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53	MANISH SHARMA	0822CS201055
54	MANN PACHIYA	0822CS201056
55	MITANSHI DEWATWAL	0822CS201057
56	MOHAMMAD AYAN KHAN	0822CS201058
57	MOHAMMAD SHADAB KHAN	0822CS201059

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Date: 02/02/2022

#### **NOTICE**

This is to inform that Mechanical Engineering Department is organizing a two-week training program on CNC Milling. This training aims to equip students with practical skills and knowledge in the field of solid modeling, sheet metal and simulation using CNC Milling. Interested students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

**Training Details:** 

**Software: CNC Milling** 

**Duration: 14 Feb 2022 to 02 March 2022** 

Venue: Lab 121

**Head of Department** 

**MED** 

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#### Syllabus of Add-on course

#### **CNC Milling Course Curriculum**

#### **Introduction to CNC Milling**

Introduction to CNC machining

Overview of CNC milling machines and their components

Safety precautions in CNC milling

Basics of machine setup and tooling

Software overview: CAD/CAM tools

#### **Understanding G-Code and CNC Basics**

Introduction to G-code and CNC programming

Coordinate systems and tool positioning

Reading and interpreting G-code

Hands-on: Writing and simulating simple G-code programs

#### **CNC Milling Fundamentals**

Types of milling operations: Facing, drilling, contouring, pocketing, etc.

Tool selection and feeds/speeds considerations

Workholding techniques: Clamps, vises, fixtures

Practical: Setting up a workpiece and performing basic milling operations

#### **Tooling and Workholding**

Types of cutting tools: End mills, drills, inserts, etc.

Tool holders and collets

Workholding devices: Vises, clamps, jigs, and fixtures

Tool changing procedures and considerations

**CNC Programming Basics** 

Introduction to CAM software

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Profiling and contouring strategies

Hands-on: Applying advanced machining strategies to different materials

#### **Workpiece Inspection and Quality Control**

Metrology and measurement tools

Inspection techniques for CNC-machined parts

GD&T (Geometric Dimensioning and Tolerancing) basics

Practical: Measuring and inspecting machined parts for accuracy

#### **Project Work and Conclusion**

Capstone project: Applying all learned concepts to create a complex part

Fine-tuning toolpaths for optimal results

Finalizing and presenting the project

Course review, Q&A session, and certificates of completion

Course Duration: min 30 Hrs

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Creating toolpaths: Contour, pocket, drilling

Simulation and verification of toolpaths

Hands-on: Creating simple toolpaths using CAM software

**Advanced CNC Programming** 

Multi-axis machining: 3-axis, 4-axis, and 5-axis milling

Tool compensation and wear offset

Macros and subroutines in CNC programming

Hands-on: Writing and simulating more complex G-code programs

**CNC Machine Operation and Troubleshooting** 

Machine startup and shutdown procedures

Workpiece loading and unloading

Running and monitoring CNC programs

Troubleshooting common machining issues

**Surface Finish and Tolerances** 

Understanding surface finish requirements

Achieving desired tolerances

Toolpath strategies for improved surface finish

Hands-on: Machining a part with specific surface finish and tolerance requirements

**Tool Life Management and Maintenance** 

Tool life considerations and monitoring

Lubrication and coolant systems

Machine maintenance and preventive measures

Practical: Performing routine machine maintenance tasks

**CNC Machining Strategies** 

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High-speed machining techniques

Trochoidal milling and adaptive clearing



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#### **REPORT**

of

Two weeks Industrial Training

on

"CNC Turning and CNC Milling"

Organized by

Department of Mechanical Engineering
Swami Vivekanand College of Engineering, Indore
Date:14 Feb, 2022

Venue: Indo German Tool Room (IGTR), Indore

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### "CNC Turning and CNC Milling"

### **Objective**

- The primary objectives of the training program were to:
- Provide hands-on experience with CNC turning and milling machines.
- Develop proficiency in operating, programming, and maintaining CNC machines.
- Enhance understanding of manufacturing processes and quality control measures.
- Foster problem-solving abilities and industry-relevant skills among participants.
- Facilitate exposure to the latest advancements in CNC machining technology.

#### Number of participants: 50

### **Report**

The training program encompassed a blend of theoretical sessions, practical demonstrations, and hands-on workshops conducted by industry experts from Indore German Tool Room. Participants were guided through various aspects of CNC machining, including machine setup, tooling, programming, machining operations, and quality assurance.

Key highlights of the training:-

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Practical Demonstrations: Participants had the opportunity to observe live demonstrations of

CNC turning and milling processes, gaining insights into machine operations and workflow.

Hands-on Workshops: Interactive workshops allowed participants to apply theoretical

concepts in real-world scenarios, performing tasks such as tool setup, workpiece machining,

and quality inspection under expert guidance.

Industry Insights: Representatives from Indore German Tool Room shared valuable insights

into industry practices, technological trends, and career opportunities in the field of CNC

machining.

The industrial training on CNC turning and milling organized by the Department of

Mechanical Engineering, Swami Vivekanand College of Engineering, in collaboration with

Indore German Tool Room, proved to be a resounding success. Participants gained invaluable

practical experience, honed their technical skills, and developed a deeper understanding of

CNC machining processes. The initiative not only prepared them for future careers in the

manufacturing industry but also strengthened the academia-industry partnership for fostering

excellence in engineering education.

The organizers extend heartfelt gratitude to Indore German Tool Room (Indore MSME) for

their valuable support and expertise in making the training program a success. Special thanks

are also due to the faculty members, staff, and participants for their active participation and

contribution.

This report serves to document the outcomes and achievements of the industrial training

program, paving the way for future endeavors aimed at enhancing the professional

development of engineering students in the region.

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#### Glimpse Of Training On CNC Turning and CNC Milling







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#### List of Participants

<b>Mechnaical Engineering Department</b>		
List of Students for CNC Milling 14/02/2022 to 02/03/2022		
S.NO	Name of Student	
1	AAKASH CHOUHAN	
2	ARJUN SEN	
3	PRIYANSHEE PAWAR	
4	PUSHPARAJ PATEL	
5	PRADEEP VISHWAKARMA	
6	PEEYUSH BATU	
7	AYUSH PRAKASH	
8	SHIVAM KUMAR	
9	PIYUSH SHARMA	
10	VEIDIK RAI	
11	HARSHAL DHARPURE	
12	PRIYANSHU TRIPATHI	
13	AARTI TAWAR	
14	SIDDHARTH GOUR	
15	MANISH JAGTAP	
16	VIVEK GAJBHIYE	
17	MOHIT SONI	
18	RITIK THAKUR	
19	SHUBHAM BHAMORIYA	
20	AMIT KUVADE	
21	NEERAJ VERMA	
22	SHUBHAM CHOUHAN	
23	ARBAJ KHAN	
24	KUNAL WAGH	
25	HEMANT SINGH SOLANKI	

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	Swami Vivekanand College of Engineering		
	Mechnaical Engineering Department		
List of S	List of Students for CNC Turning 14/02/2022 to 02/03/2022		
S.NO	Name of Student		
1	RAHUL SINGH		
2	RAHUL CHOUHAN		
3	DURGESH NIKUM		
4	AMIT PRAJAPATI		
5	PRATIK PAL		
6	SOURABH VISHWAKARMA		
7	NITESH MALVIYA		
8	NIRAJ FARKALE		
9	CHANCHAL VERMA		
10	ROHAN SINGH		
11	SOURABH SHANI		
12	BHAGIRATH PANWAR		
13	SHUBHAM RATHOD		
14	VISHAL MALAKAR		
15	SHRUTI SHUKLA		
16	GANESH PATIDAR		
17	PRADEEP KUSHWAH		
18	SOURABH RAGHUVANSHI		
19	RITIK PRAJAPAT		
20	RAHUL YADUVANSHI		
21	RITESH PIPLAJE		
22	ROHIT RAI		
23	RAMESHWAR GALPHAT		
24	RAHUL JOSHI		
25	MANOJ KASHYAP		

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#### Certificate



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KHANDWA ROAD, INDORF

PRINCIPAL SWAMI VIVEKANANĎ COLLEGE OG ENGINEERING KHANDWA ROAD, INDORE



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Campus: Khandwa Road, Indore-452020 (M.P.) Phone: +91-07324-405000

• Email: info@svceindore.ac.in • Website: www.svce.vivekanandgroup.com

Date: 08/02/2022

#### **NOTICE**

This is to inform that Mechanical Engineering Department is organizing a two-week training program on CNC Turning. This training aims to equip students with practical skills and knowledge in the field of solid modeling, sheet metal and simulation using CNC Turning. Interested students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

**Training Details:** 

**Software: CNC Turning** 

**Duration: 14 Feb 2022 to 02 March 2022** 

Venue: Lab 121

**Head of Department** 

**MED** 

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#### Syllabus of Add-on course

#### **CNC Turning Course Curriculum**

#### **Introduction to CNC Turning**

Overview of CNC machining and turning

Introduction to CNC turning machines and components

Safety precautions in CNC turning

Basics of machine setup and tooling

Software overview: CAD/CAM tools

#### **Understanding G-Code and CNC Basics for Turning**

Introduction to G-code and CNC programming for turning

Coordinate systems and tool positioning in turning

Reading and interpreting G-code for turning

Hands-on: Writing and simulating simple G-code programs for turning

#### **CNC Turning Fundamentals**

Types of turning operations: Facing, roughing, threading, etc.

Tool selection and toolholders for turning

Workholding techniques: Chucks, collets, centers

Practical: Setting up a workpiece and performing basic turning operations

#### **Tooling and Workholding for Turning**

Types of turning tools: Inserts, toolholders, boring bars, etc.

Toolholders and inserts selection

Workholding devices: Chucks, collets, jaws, and fixtures

Tool changing procedures and considerations

#### **CNC Turning Programming Basics**

Introduction to CAM software for turning

Creating toolpaths: Facing, roughing, threading

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Simulation and verification of turning toolpaths

Hands-on: Creating simple turning toolpaths using CAM software

#### **Advanced CNC Turning Programming**

Grooving, taper turning, and contouring strategies

Thread milling and polygon turning

Macros and subroutines in CNC turning

Hands-on: Writing and simulating more complex G-code programs for turning

#### **CNC Turning Machine Operation and Troubleshooting**

Machine startup and shutdown procedures

Workpiece loading and unloading in turning

Running and monitoring CNC turning programs

Troubleshooting common turning issues

#### **Surface Finish and Tolerances in Turning**

Understanding surface finish requirements in turning

Achieving desired tolerances in turning

Toolpath strategies for improved surface finish

Practical: Machining a part with specific surface finish and tolerance requirements

#### **Tool Life Management and Maintenance for Turning**

Tool life considerations and monitoring in turning

Lubrication and coolant systems for turning

Machine maintenance and preventive measures for turning

Practical: Performing routine machine maintenance tasks for turning

#### **CNC Turning Strategies**

High-speed turning techniques

Thread cutting and form tooling

Parting-off and grooving strategies IQAC COORDINATOR

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Hands-on: Applying advanced turning strategies to different materials

#### **Workpiece Inspection and Quality Control for Turning**

Metrology and measurement tools for turning

Inspection techniques for CNC-turned parts

GD&T (Geometric Dimensioning and Tolerancing) basics for turned parts

Practical: Measuring and inspecting turned parts for accuracy

#### **Project Work and Course Conclusion**

Capstone project: Applying all learned concepts to create a complex turned part

Fine-tuning toolpaths for optimal turning results

Finalizing and presenting the project

Course review, Q&A session, and certificates of completion

Course Duration: min 30 Hrs

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#### **REPORT**

of

Two weeks Industrial Training

on

"CNC Turning and CNC Milling"

Organized by

Department of Mechanical Engineering
Swami Vivekanand College of Engineering, Indore
Date:14 Feb, 2022

Venue: Indo German Tool Room (IGTR), Indore

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### "CNC Turning and CNC Milling"

### **Objective**

- The primary objectives of the training program were to:
- Provide hands-on experience with CNC turning and milling machines.
- Develop proficiency in operating, programming, and maintaining CNC machines.
- Enhance understanding of manufacturing processes and quality control measures.
- Foster problem-solving abilities and industry-relevant skills among participants.
- Facilitate exposure to the latest advancements in CNC machining technology.

#### Number of participants: 50

### **Report**

The training program encompassed a blend of theoretical sessions, practical demonstrations, and hands-on workshops conducted by industry experts from Indore German Tool Room. Participants were guided through various aspects of CNC machining, including machine setup, tooling, programming, machining operations, and quality assurance.

Key highlights of the training:-

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Practical Demonstrations: Participants had the opportunity to observe live demonstrations of

CNC turning and milling processes, gaining insights into machine operations and workflow.

Hands-on Workshops: Interactive workshops allowed participants to apply theoretical

concepts in real-world scenarios, performing tasks such as tool setup, workpiece machining,

and quality inspection under expert guidance.

Industry Insights: Representatives from Indore German Tool Room shared valuable insights

into industry practices, technological trends, and career opportunities in the field of CNC

machining.

The industrial training on CNC turning and milling organized by the Department of

Mechanical Engineering, Swami Vivekanand College of Engineering, in collaboration with

Indore German Tool Room, proved to be a resounding success. Participants gained invaluable

practical experience, honed their technical skills, and developed a deeper understanding of

CNC machining processes. The initiative not only prepared them for future careers in the

manufacturing industry but also strengthened the academia-industry partnership for fostering

excellence in engineering education.

The organizers extend heartfelt gratitude to Indore German Tool Room (Indore MSME) for

their valuable support and expertise in making the training program a success. Special thanks

are also due to the faculty members, staff, and participants for their active participation and

contribution.

This report serves to document the outcomes and achievements of the industrial training

program, paving the way for future endeavors aimed at enhancing the professional

development of engineering students in the region.

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#### Glimpse of Training











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#### List of Participants

	<b>Mechnaical Engineering Department</b>			
List of Students for CNC Milling 14/02/2022 to 02/03/2022				
S.NO Name of Student				
1	AAKASH CHOUHAN			
2	ARJUN SEN			
3	PRIYANSHEE PAWAR			
4	PUSHPARAJ PATEL			
5	PRADEEP VISHWAKARMA			
6	PEEYUSH BATU			
7	AYUSH PRAKASH			
8	SHIVAM KUMAR			
9	PIYUSH SHARMA			
10	VEIDIK RAI			
11	HARSHAL DHARPURE			
12	PRIYANSHU TRIPATHI			
13	AARTI TAWAR			
14	SIDDHARTH GOUR			
15	MANISH JAGTAP			
16	VIVEK GAJBHIYE			
17	MOHIT SONI			
18	RITIK THAKUR			
19	SHUBHAM BHAMORIYA			
20	AMIT KUVADE			
21	NEERAJ VERMA			
22	SHUBHAM CHOUHAN			
23	ARBAJ KHAN			
24	KUNAL WAGH			
25	HEMANT SINGH SOLANKI			

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	Swami Vivekanand College of Engineering		
	Mechnaical Engineering Department		
List of S	List of Students for CNC Turning 14/02/2022 to 02/03/2022		
S.NO	Name of Student		
1	RAHUL SINGH		
2	RAHUL CHOUHAN		
3	DURGESH NIKUM		
4	AMIT PRAJAPATI		
5	PRATIK PAL		
6	SOURABH VISHWAKARMA		
7	NITESH MALVIYA		
8	NIRAJ FARKALE		
9	CHANCHAL VERMA		
10	ROHAN SINGH		
11	SOURABH SHANI		
12	BHAGIRATH PANWAR		
13	SHUBHAM RATHOD		
14	VISHAL MALAKAR		
15	SHRUTI SHUKLA		
16	GANESH PATIDAR		
17	PRADEEP KUSHWAH		
18	SOURABH RAGHUVANSHI		
19	RITIK PRAJAPAT		
20	RAHUL YADUVANSHI		
21	RITESH PIPLAJE		
22	ROHIT RAI		
23	RAMESHWAR GALPHAT		
24	RAHUL JOSHI		
25	MANOJ KASHYAP		

SWAMI VIVEKANAND Head of Department COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

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#### Certificate



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SVGI/Dir./2021-22/017

Date: 24.12.2021

### **NOTICE**

Dear All,

It is to inform you all that, on 21.01.2022 warm clothes will be distributed to the needy deprived people by the institute. It our social responsibility towards the poor, needy and deprived people to help them, in this regard the institute will distribute warm clothes on 21.01.2022. Any faculty/staff & student, who want to donate old warm clothes like *sweaters*, *shawls*, *jacket etc.*, are required to submit the college reception. You can also donate casual clothes like *pant*, *shirt*, *t-shirt* etc.



Director SVGI, Indore

Copy to:

1. Principal (SVCE/SVCP), for necessary action

2. Administrative Officer 3. All faculty/staff members

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### **A Report**

on

### **Warm Clothes Donation Camp**

**Dated** 

21/01/2022

**Academic Session 2021-22** 

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# Report on Winter Clothes Donation Activity

Title: Spreading Warmth: Winter Clothing Donation Activity

Date: 21/01/2022

**Introduction:** In response to the pressing need to support vulnerable communities during the harsh winter months, our organization initiated a winter clothing donation drive.

The aim was to collect warm clothes and distribute them to those in need, ensuring that everyone could withstand the cold temperatures with dignity and comfort.

This report provides an overview of the activity, including its objectives, execution, and impact.

#### **Objectives:**

- Collect a substantial amount of warm clothing items including jackets, sweaters, hats, gloves, scarves, and blankets.
- Distribute the collected items to shelters, homeless communities, and low-income families in our locality.
- Raise awareness about the importance of helping those in need during the winter season.

**Execution:** The activity was promoted through various channels including social media, local newspapers, and word-of-mouth. Donation boxes were placed in SVCE. Student volunteers played a crucial role in sorting, cleaning, and organizing the donated clothes. Special attention was paid to ensure that all items were in good condition and suitable for use. Once sorted, the clothing items were packed into boxes .Team of volunteers delivered the donated items directly to those in need.

**Impact:** The winter clothing donation activity yielded significant positive outcomes:

Quantity of Donations: Through the collective efforts of volunteers and the generosity of donors,

we were able to collect over 500 winter clothing items, including jackets, sweaters, hats,/gloves,

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**Direct Impact:** The donated clothing items provided much-needed warmth and comfort to individuals and families facing financial hardship or homelessness. Recipients expressed gratitude for the support, emphasizing the difference it made in their lives during the cold winter months.

**Awareness and Outreach:** The activity helped raise awareness about the challenges faced by vulnerable populations during the winter season. It encouraged empathy and compassion within the community, prompting individuals to take action and support those in need.

**Conclusion:** The winter clothing donation activity exemplified the power of collective action in making a positive impact on the lives of others. By efforts of students and staff of SVCE, we were able to provide warmth, comfort, and hope to those facing adversity. This initiative taken by coordinators to serving the needs of our community and inspired us to continue finding innovative ways to make a difference.

Coordinator

Mr. Tarandeep Singh

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### **Glimpse of Donation of Clothes Campaign**

Date: 21/01/2022







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Date: 01/09/21

The Computer Science Engineering Department is organizing a two-week industrial training on "C" from 8th September 2021 to 22nd September 2021 for B.Tech third year Computer Science Engineering students. The aim of this industrial training is to provide participants with a comprehensive understanding of C language. Through hands-on activities and practical exercises, attendees will gain the knowledge and skills necessary to handle the complex programs. Students are required to contact the department for the mentioned program. Certificates will be provided to all the participants.

#### **Training Details:**

Date: 08/09/2021 to 22/09/2021

#### **Workshop Schedule**

Day	Date	Session	Description
Day 1	08/09/2021	Session I	Introduction to C
Day 2	09/09/2021	Session II	History to C
Day 3	10/09/2021	Session III	Application to C
Day 4	11/09/2021	Session IV	Programming Fundamentals
Day 5	12/09/2021	Session V	Hands-On Practice I
Day 6	13/09/2021	Session VI	Fundamental in C
Day 7	14/09/2021	Session VII	Hands-On Practice II
Day 8	15/09/2021	Session VIII	Operators & Expressions
Day 9	16/09/2021	Session IX	Input-Output Functions
Day 10	17/09/2021	Session X	Hands-On Practice III
Day 11	18/09/2021	Session XI	Control Statement
Day 12	19/09/2021	Session XII	Strings & Pointers
Day 13	20/09/2021	Session XIII	Advanced Programming
Day 14	21/09/2021	Session XIV	Final Project and Assessment
OR Day 15	22/09/2021	Session XV	Certificate Distribution LEGE OG

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### A Report

on

### Two Weeks Training on "C" Language

**Dated** 

08/09/2021-22/09/2021

**Academic Session 2021-22** 

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#### Report On

#### C Language

**Organized by:** Computer Science Engineering Department, Swami Vivekanand College of Engineering

**Introduction:** The Computer Science Engineering Department organized a two-week industrial training on "C" from 8th September 2021 to 22nd September 2021. This training was targeted at B.Tech third year Computer Science Engineering students. The primary objective was to provide participants with a comprehensive understanding of C language, enhancing their practical skills through hands-on activities and exercises.

**Number of Participants:** A total of 116 students participated in the training. These students were selected from the third year of the B.Tech Computer Science Engineering program, ensuring a focused and relevant learning experience.

**Activity Overview:** The training program was designed to cover various aspects of C language, divided into structured sessions over the two-week period. The workshop schedule included introductory sessions, practical exercises, programming fundamentals, and advanced techniques. Each session was aimed at progressively building the participants' knowledge and skills.

#### **Objectives**

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- Comprehensive Understanding: Provide a thorough knowledge of C language, including its principles, operations, and applications.
- Hands-On Experience: Ensure students gain practical experience through hands-on activities and exercises.
- Skill Enhancement: Improve students' ability to handle C language and perform precise
   program.

Safety Awareness: Educate participants on safety protocols and best practices in Corporation of Coordinator of

Conclusion: The two-week industrial training on C language was a significant success, providing 116 B.Tech third year Computer Science Engineering students with valuable knowledge and practical skills. The structured schedule and comprehensive curriculum ensured that all participants benefited greatly from the program. The training not only enhanced the students' technical abilities but also prepared them for future industry challenges. The Computer Science Engineering Department looks forward to organizing similar training programs in the future to continue enhancing the skills and employability of its students.

**Report Prepared by:** 

Priya Sen

**Assistant Professor** 

SVCE, Indore

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# SWAMI VIVEKANAND COLLEGE OF ENGINEERING, INDORE DEPARTMENT OF COMPUTER SCIENCE ENGINEERING List of Participating Students

Training on "C"

DATE: 08/09/2021 to 22/09/21

S.No.	Name of the Students	Enrollment Number
1	AAYUSH THAKUR	0822CS191001
2	ABHISHEK PATIDAR	0822CS191002
3	ADITYA THAKUR	0822CS191003
4	AJAY MORE	0822CS191005
5	AJAY SINGH THAKUR	0822CS191006
6	AJAY VISHWAKARMA	0822CS191007
7	AKAR SHARMA	0822CS191008
8	AMAN KUSHWAH	0822CS191009
9	AMAN SATVILKAR	0822CS191010
10	AMAN TOMAR	0822CS191011
11	AMAY VYAS	0822CS191012
12	ANIKET SARSAIYA	0822CS191015
13	ANJALI BHAMORIYA	0822CS191016
14	ANKIT CHOUDHARY	0822CS191017
15	ANKIT NAGAR	0822CS191018
16	ANKIT SINGH	0822CS191019
17	ANKITA PALLE	0822CS191020
18	ANKITA SERIWALA	0822CS191021
19	ARADHANA KHEDE	0822CS191022
20	ARBAZ ALI	0822CS191023
21	ARJUN	0822CS191024
22	ASHISH KUMAR RAJAK	0822CS191025
23	ASHMIT YADAV	0822CS191026
24	ASHUTOSH BHALOT	0822CS 19 LOGNEER
25	BHARAT PAWAR	0822CS191029
26	BHAVESH JAIN	0822CS191030

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27	BRAJPAL PANWAR	0822CS191031	
28	DEEPAK KUMAR SHUKLA	0822CS191032	
29	DEVENDRA DHOGDIYA	0822CS191033	
30	FAIZAN SHEIKH	0822CS191034	
31	GAUTAM JAISWAL	0822CS191035	
32	GOURAV	0822CS191036	
33	GOURAV BHATI RAJPUT	0822CS191037	
34	GOVINDA JADHAV	0822CS191038	
35	IBADURRAHMAN	0822CS191039	
36	ISHIKA RAUT	0822CS191040	
37	JAYDEEP PATIL	0822CS191041	
38	JITENDRA PATEL	0822CS191042	
39	JYOTI SOLANKI	0822CS191043	
40	KARINA SAWADEEYA	0822CS191044	
41	KAVITA AHIRWAR	0822CS191045	
42	KHUSHBOO CHAWLA	0822CS191046	
43	KHUSHI JOSHI	0822CS191047	
44	KISHAN NAYAK	0822CS191048	
45	LAKSH DILLIWAL	0822CS191049	
46	MANOJ KAROLE	0822CS191052	
47	MANSI BHARGAV	0822CS191053	
48	MOHD SADIQUE ANSARI	0822CS191055	
49	MOHD ZAID ANSARI	0822CS191056	
50	МОНІТ	0822CS191057	
51	MOHIT KUMRAVAT	0822CS191058	
52	MOHIT MALVIYA	0822CS191059	
53	MOHIT YADAV	0822CS191060	
54	NEERAJ BHATANIYA	0822CS191061	
55	NEERAJ RATHOR	0822CS191062	
56	NEHA TIWARI	0822CS191063	
57	NIKHIL MALVIYA	0822CS191064	

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DATE	:: 08/09/2021 to 22/09/21	
58	NISHA BAIRAGI	0822CS191065
59	PARIKSHIT CHANDNA	0822CS191066
60	PAWAN PATEL	0822CS191067
61	PINTU KUMAR	0822CS191068
62	PRAKHAR MISHRA	0822CS191069
63	PRATHVIRAJ CHOUHAN	0822CS191070
64	PRATIK OJHA	0822CS191071
65	PRAVEEN BORIYALE	0822CS191072
66	PRAVEEN SINGH PATEL	0822CS191073
67	PRAVIN BIRLA	0822CS191074
68	PRINCY CHOUBEY	0822CS191075
69	PRIYANSHU KUSHWAH	0822CS191076
70	PUNEET MALVIYA	0822CS191077
71	RAGHAV LAAD	0822CS191078
72	RAJUL THAKUR	0822CS191079
73	REKHA SENGAR	0822CS191081
74	RINKITA PANCHAL	0822CS191082
75	RISHIKESH GADEKAR	0822CS191083
76	RITIK SINGH SOLANKI	0822CS191084
77	ROHAN PANDEY	0822CS191085
78	ROHIT PATIL	0822CS191086
79	SADHANA DESHMUKH	0822CS191087
80	SAHIL SHINDE	0822CS191088
81	SAI KANHAIYA RATHORE	0822CS191089
82	SANMEET KAUR	0822CS191090
83	SANSKAR SAHU	0822CS191091
84	SAURABH SINGH	0822CS191092
85	SEJAL GADEWAL	0822CS191093 Valu
86	SHADAB MANSOORI	0822CS191094 SWAMI VIVEKANANÍ
87	SHAHIR MANSURI	0822CS191095 KHANDWA ROAD, REX
88	SHEETAL SAWKARE	0822CS191096

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DATE: 08/09/2021 to 22/09/21		
89	SHIKHA SHRIVASTAVA	0822CS191097
90	SHIVAM BIRLA	0822CS191098
91	SHIVAM JOSHI	0822CS191099
92	SHIVANI CHOUHAN	0822CS191100
93	SHREYA CHOUHAN	0822CS191101
94	SHUBHAM SONI	0822CS191102
95	SHUBHAM GANDHARE	0822CS191103
96	SHYAM BIRLA	0822CS191104
97	SIDDHARTH JAIN	0822CS191105
98	SOURABH	0822CS191106
99	SOURABH NAMDEV	0822CS191107
100	SUJEET	0822CS191108
101	SURENDRA	0822CS191110
102	SUSHMA PRAJAPATI	0822CS191111
103	TANISH KAG	0822CS191112
104	TANUJ JADAV	0822CS191113
105	UJJAWAL SHRIVASTAVA	0822CS191114
106	UMESH SEN	0822CS191115
107	UTKARSH ODHEKAR	0822CS191116
108	VAIBHAV DHAKAD	0822CS191117
109	VINIT BANG	0822CS191119
110	VISHAL SAVLE	0822CS191120
111	YASH BANGAR	0822CS191121
112	YASH JAISWAL	0822CS191122
113	YASHITA SAINI	0822CS191123
114	YOGESH GIRWAL	0822CS191124
115	YOGESH PATIDAR	0822CS1911252 +
116	YUVRAJ SINGH PATEL	0822CS191126

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Date: 01/09/21

The Computer Science Engineering Department is organizing a two-week industrial training on "C++" from 16th September 2021 to 30th September 2021 for B.Tech Final year Computer Science Engineering students. The aim of this industrial training is to provide participants with a comprehensive understanding of C++ language. Through hands-on activities and practical exercises, attendees will gain the knowledge and skills necessary to handle the complex programs. Students are required to contact the department for the mentioned program. Certificates will be provided to all the participants.

### **Training Details:**

Date: 16/09/2021 to 30/09/2021

#### **Workshop Schedule**

	Day	Date	Session	Description
	Day 1	16/09/2021	Session I	Introduction to C++
	Day 2	17/09/2021	Session II	History to C++
	Day 3	18/09/2021	Session III	Application to C++
	Day 4	19/09/2021	Session IV	Programming Fundamentals
	Day 5	20/09/2021	Session V	Hands-On Practice I
	Day 6	21/09/2021	Session VI	Fundamental in C++
	Day 7	22/09/2021	Session VII	Hands-On Practice II
	Day 8	23/09/2021	Session VIII	Operators & Expressions
	Day 9	24/09/2021	Session IX	Input-Output Functions
	Day 10	25/09/2021	Session X	Hands-On Practice III
	Day 11	26/09/2021	Session XI	Control Statement
	Day 12	27/09/2021	Session XII	Strings & Pointers
	Day 13	28/09/2021	Session XIII	Advanced Programming
A-7.	Day 14	29/09/2021	Session XIV	Final Project and Assessment
IQAC COORDINA	OR Day 15	30/09/2021	Session XV	Certificate Distribution LEGE OG

SWAMI VIVEKANAND

Certificate Distribution LEGE OG ENGINEERING



# A Report

on

# Two weeks Training on C++ Language

**Dated** 

16/09/2021-30/09/2021

**Academic Session 2021-22** 

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL SWAMI VIVEKANANĎ COLLEGE OG ENGINEERING KHANDINA ROAD, BIDORE

#### Report On

#### C++ Language

**Organized by:** Computer Science Engineering Department, Swami Vivekanand College of Engineering

**Introduction:** The Computer Science Engineering Department organized a two-week industrial training on "C++" from 16th September 2021 to 30th September 2021. This training was targeted at B.Tech Final year Computer Science Engineering students. The primary objective was to provide participants with a comprehensive understanding of C++ language, enhancing their practical skills through hands-on activities and exercises.

**Number of Participants:** A total of 83 students participated in the training. These students were selected from the Final year of the B.Tech Computer Science Engineering program, ensuring a focused and relevant learning experience.

**Activity Overview:** The training program was designed to cover various aspects of C++ language, divided into structured sessions over the two-week period. The workshop schedule included introductory sessions, practical exercises, programming fundamentals, and advanced techniques. Each session was aimed at progressively building the participants' knowledge and skills.

#### **Objectives**

- **Comprehensive Understanding:** Provide a thorough knowledge of C++ language, including its principles, operations, and applications.
- Hands-On Experience: Ensure students gain practical experience through hands-on activities and exercises.

**Skill Enhancement:** Improve students' ability to handle C++ language and perform

C COORDINATOR precise program.

COLLEGE OG ENGINEERING KHANDWA ROAD, INDORE ■ Safety Awareness: Educate participants on safety protocols and best practices in C++.

Conclusion: The two-week industrial training on C++ language was a significant success, providing 83 B.Tech Final year Computer Science Engineering students with valuable knowledge and practical skills. The structured schedule and comprehensive curriculum ensured that all participants benefited greatly from the program. The training not only enhanced the students' technical abilities but also prepared them for future industry challenges. The Computer Science Engineering Department looks forward to organizing similar training programs in the future to continue enhancing the skills and employability of its students.

**Report Prepared by** 

Priya Sen

**Assistant Professor** 

SVCE, Indore

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL SWAMI VIVEKANANĎ COLLEGE OG ENGINEERING KHANDINA ROAD, BIDORE

# SWAMI VIVEKANAND COLLEGE OF ENGINEERING, INDORE DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

**List of Participating Students** 

Training on "C++"

DATE: 16/09/2021 to 30/09/2021

S.No.	Name of the Students	<b>Enrollment Number</b>	
1	AAKASH GAVSHINDE	0822CS181001	
2	ABHIJEET SAHU	0822CS181002	
3	ABHISHEK PATEL	0822CS181003	
4	ABHISHEK PRASAD	0822CS181004	
5	AISHWRIYA DHARKAR	0822CS181005	
6	AJAY MALVIYA	0822CS181006	
7	AMAN JAISWAL	0822CS181007	
8	ANAND MATHE	0822CS181008	
9	ANIKET JAIN	0822CS181009	
10	ANKIT KUMAR GUPTA	0822CS181010	
11	ANSH GARG	0822CS181011	
12	ANUPAM CHOUHAN	0822CS181012	
13	ANURAG RAJPUT	0822CS181013	
14	ASHUTOSH JAISWAL	0822CS181014	
15	ASHWIN KRISHNA	0822CS181015	
16	AYUSH GOUR	0822CS181016	
17	BHARTI	0822CS181017	
18	BHAVESH PATIL	0822CS181018	
19	CHANDRA PA SINGH	0822CS181019	
20	CHIRAG GUPTA	0822CS181020	
21	DEEPAK YADAV	0822CS181021	
22	DEEPANSHU KHORE	0822CS181022	
23	DIVYANSH NAMDEV	0822CS181023	
24	GOVIND NAGAR	0822CS181024	
25	HIMANI RATHORE	0822CS181025	
26	HIMANSHU CHOUHAN	0822CS181026	
27	ISHANI DUBEY	0822CS181027	
28	JAGPREET SINGH BHATIA	0822CS181028	
29	JAI THAKUR	0822CS181029	
30	JAIDEEP PATHAK	0822CS181030	
31	JAY YADAV	0822CS181031	
32	JOBIN JOHNY	0822CS181032	
33	KAPIL KORI	0822CS181033	
34	KOMAL MATHUR	0822CS181034	
<b>1</b> 35	KRITIK MORE	0822CS181035	
36	MAHIMA JANORIYA	0822CS181036	
ÖORDINA	MAHIMA SONI	0822CS181037	



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20	I			
38	MANISH DAWAR	0822CS181038		
39	MAYANK PANWAR	0822CS181039		
40	MEETANSHI SATPUTE	0822CS181040		
41	MEGHA NARWARIYA	0822CS181041		
42	MEGHNA BAVISKAR	0822CS181042		
43	MUDIT TIWARI	0822CS181043		
44	NANDINI MALI	0822CS181044		
45	NAZ PARVEEN	0822CS181045		
46	NEERAJ	0822CS181046		
47	NEERAJ CHOUDHARY	0822CS181047		
48	NIDHI KHIRE	0822CS181048		
49	NIKITA BHARGAV	0822CS181049		
50	NIMIT BHAWSAR	0822CS181050		
51	NINAD SHARMA	0822CS181051		
52	PAWAN PATIDAR	0822CS181052		
53	PRABHAMAN JYOT SINGH	0822CS181053		
54	PRAKASH MISHRA	0822CS181054		
55	PRAVESH MALVIYA	0822CS181055		
56	PRINCE CHOUBEY	0822CS181056		
57	PUSHPAK GANGLE	0822CS181057		
58	RAIYAN BANGASH	0822CS181058		
59	RAJ CHOUDHARY	0822CS181059		
60	RAMENDRA PATERIYA	0822CS181060		
61	RASHMI GOYAL	0822CS181061		
62	RAVI CHOHAN	0822CS181062		
63	RISHINA SHUKLA	0822CS181063		
64	ROHIT SURAGE	0822CS181064		
65	SANDEEP SOLANKI	0822CS181065		
66	SANSKAR MALVIY	0822CS181066		
67	SATYAM PATEL	0822CS181067		
68	SAWAN MODI	0822CS181068		
69	SHAILENDRA RAJPUT	0822CS181069		
70	SHARAD SHARMA	0822CS181070		
71	SHUBHAM DHOLE	0822CS181071		
72	SHUBHAM DUDHE	0822CS181072		
73	SHUBHAM PAL	0822CS181073		
74	SNEHA PATIDAR	0822CS181074		
75	SOMESH PRAJAPATI	0822CS181075		
76	SOURABH KUSHWAH	0822CS181076		
77	SUDEEP SINGH	0822CS181077		
78	SWATI JAT	0822CS181078		
<b>1</b> 79	URVASHI PATIDAR	0822CS181079		
180	VIDHI GHADGE	0822CS181080		
COORDINA	Wehraj dighe	0822CS181081		
	F A 3.11".	<u> </u>		



82	YUVRAJ SINGH BABEL	0822CS181082
83	YUVRAJ SINGH DODIYA	0822CS181083

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• Email: info@syceindore.ac.in • Website: www.syce.vivekanandgroup.com

Date: 02/03/2021

# **NOTICE**

This is to inform that Civil Engineering Department is organizing a two day workshop program on "Total Station" dated 09/03/2021 & 10/03/2021 for B.Tech 2<sup>nd</sup> year civil engineering students. The aim of this workshop is to provide participants with a comprehensive understanding of advance survey instruments. Through hands-on activities and practical exercises, attendees will gain the knowledge and skills necessary to deal with the instruments carefully. Students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

### **Training Details:**

Date: 09/03/2021 & 10/03/2021

### **Workshop Schedule:**

Date	Session	Description	
00 02 2021	Morning Session	Explanation of Working of Total Station	
09-03-2021	Afternoon Session	Hands on Practice on Total Station	
10.02.2021	Morning Session	Hands on Practice on Total Station	
10-03-2021	Afternoon Session	Processing of Total Station Data	

**Head of Department** 

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# **A Report**

on

# Two days Workshop on Total Station

# **Dated**

09/03/2021 & 10/03/2021

**Academic Session 2020-21** 

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### Report On

### Two day's Workshop on Total Station

Organized by: Civil Engineering Department, Swami Vivekanand College of Engineering

Participant: Civil Engineering Students

**Introduction** The Civil Engineering Department of Swami Vivekanand College of Engineering successfully organized a two-day workshop titled **"Total Station"** on March 9th and 10th ,2021. The workshop aimed to provide participants with a comprehensive understanding of total station through hands-on activities and practical exercises.

### **Activity Overview**

**Activity Title:** Workshop with Advance Survey Instruments

**Duration:** 2 Days

**Date:** 09/03/2021 & 10/03/2021

**Venue:** Swami Vivekanand College of Engineering Campus **Instructor:** Expert from KTRC Construction Private Limited

### **Objectives of the Training**

- To impart practical knowledge on the use of Total Station in field surveys.
- To enhance the technical skills of the students in civil engineering.

#### **Outcomes**

- Enhanced Skillset: Students gained practical experience with Total Station, enhancing their surveying skills.
- Improved Knowledge: Participants understood the operational and technical aspects of using Total Station in field surveys.
- **Practical Application**: Students applied theoretical knowledge in a practical environment, preparing them for real-world engineering challenges.

#### Conclusion

The training on field survey with Total Station given by the expert from KTRC Construction Private Limited in Swami Vivekanand College of Engineering was a resounding success. The activity not only met its objectives but also provided valuable practical experience to the students, thereby contributing significantly to their professional development.

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Assistant Professor- CED

## **Department of Civil Engineering**

### **List of Participating Students**

Workshop on "Total Station"

Date: 09/03/2021 - 10/03/2021

S.No.	Enrollment Number	Name of the Students
1	0822CE201008	HARSHA MAKRAIYA
2	0822CE201011	KARAN ALAVE
3	0822CE201014	MOHAMMAD AASIF MULTANI
4	0822CE201015	MOHIT BIRLA
5	0822CE201018	NITIN BAJHAIYA
6	0822CE201019	ROHIT LODHA
7	0822CE201020	SAMARTH KUMAR PATEL
8	0822CE201021	SARIKA KANNOJ
9	0822CE201022	SATISH
10	0822CE201023	SNEHA GORA
11	0822CE201024	SONU JADAM
12	0822CE201025	SURAJ CHOUHAN
13	0822CE201028	YOGESH OJHA
14	0822CE211021	PRATYUSH SONI
15	0822CE211022	PRIYANSH MEENA
16	0822CE211023	PUSHPRAJ SINGH
17	0822CE211025	RAJ ALAWE
18	0822CE211029	ROHIT KOTE
19	0822CE211032	SHIREEN FIRDOUS
20	0822CE221001	ADITYA DHAKAD
21	0822CE221006	GANGA KANESH
22	0822CE221011	MANISH ARYA
23	0822CE221012	PRAVESH DUDVE

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Head of Department CED PRINCIPAL SWAMI VIVEKANAND COLLEGE OG ENGINEERING



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• Email: info@svceindore.ac.in • Website: www.svce.vivekanandgroup.com

Date: 01/02/2021

# **NOTICE**

This is to inform that Mechanical Engineering Department is organizing a two week Industrial Training program with Shri Jagannath Industries, Indore dated 08/02/2021 to 13/02/2021 for B.Tech 3<sup>rd</sup> year Mechanical Engineering students. The aim of this training is to provide participants with a comprehensive understanding of equipments. Through hands-on activities and practical exercises, attendees will gain the knowledge and skills necessary to deal with the instruments carefully. Students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

**Head of Department** 

**ME** 

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# **A Report**

on

# Industrial Training at Shri Jagannath Industries, Indore

**Dated** 

08/02/2021 to 13/02/2021

**Academic Session 2020-21** 

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### Report

#### On

#### **Industrial Training at Shri Jagannath Industries, Indore**

Organized by: Mechanical Engineering Department

**Date:** 08/02/2021 to 13/02/2021

**Participants:** Mechanical Engineering Students

**Introduction:** The Mechanical Engineering Department of Swami Vivekanand College of Engineering successfully organized a Industrial Training titled "**Industrial Training**" from 8 to 13 February 2020. The training aimed to provide participants with a comprehensive understanding of Paints, Lubricants, Adhesives, Tools, Chemicals, Safety equipments, with various automation and construction tools.

### **Objectives of the Training**

- To familiarize participants with the properties, applications, and best practices of paints, lubricants, adhesives, tools, chemicals, safety equipment, and automation & construction tools.
- To train participants in the safe handling, storage, and usage of these products and tools.
- To provide hands-on experience and practical demonstrations to enhance understanding and skill development.

#### **Activity Description**

#### **Training Details:**

Date: 08/02/2021 to 13/02/2021

Time: 11:00 AM - 03:00 PM

Venue: Shri Jagannath Industries, Indore

#### **Outcomes**

■ Enhanced Skillset: Students gained practical experience with Safety equipments, with various automation and construction tools.

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KHANDWA ROAD, INDORF

 Improved Knowledge: Participants understood the operational and technical aspects of Automation.

 Practical Application: Students applied theoretical knowledge in a practical environment, preparing them for real-world engineering challenges.

**Participation and Engagement** 

The workshop saw enthusiastic participation from the B. Tech Third year Mechanical Engineering students. The hands-on sessions were particularly well-received, with students actively engaging in the practical exercises and demonstrating a keen interest in CNC Operation.

Conclusion

The training on paints, lubricants, adhesives, tools, chemicals, safety equipment, and automation & construction tools provided participants with a comprehensive understanding of essential products and tools used across various industries. By acquiring knowledge of product properties, applications, safety measures, and best practices, participants are better equipped to contribute effectively to their respective roles and promote workplace safety and efficiency.

**Event Co-Ordinator** 

Mr. Vishal Wankhade

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KHANDWA ROAD, INDORF

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# SWAMI VIVEKANAND COLLEGE OF ENGINEERING, INDORE

# **Mechanical Engineering Department**

## **List of Participating Students**

"Industrial Training" at Shri Jagannath Industries, Indore

Date :- 08/02/2021 to 13/02/2021

S. No	Name	Roll No
1	Aashish Patil	0822ME191001
2	Abhishek	0822ME191002
3	Abhishek Lowanshi	0822ME191003
4	Ajay Bake	0822ME191004
5	Bhagirath Panwar	0822ME191006
6	Chanchal Verma	0822ME191007
7	Deepak Singh	0822ME191008
8	Deepak Vishvkarma	0822ME191009
9	Durgesh Nikum	0822ME191010
10	Faizan Khan	0822ME191011
11	Ganesh Patidar	0822ME191012
12	Gourav Shukla	0822ME191013
13	Kuldeep Bhabar	0822ME191014
14	Laxman Badole	0822ME191015
15	Lokesh Chouhan	0822ME191016
16	Manish	0822ME191018
17	Momita Das	0822ME191020
18	Navneet Yaduwanshi	0822ME191021
19	Niraj Farkale	0822ME191022
20	Nitesh	0822ME191023
21	Nitesh Malviya	0822ME191024
22	Pradeep Kushwah	0822ME191026
£231.	Pratik Pal	0822ME191027
COORDINA VIVEKA	ATOR Pritesh Patidar	0822ME191028



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25	Prithviraj	0822ME191029
26	Rahul Alawa	0822ME191030
27	Rahul Chouhan	0822ME191031

Co-coordinator

Mr. Vishal Wankhade

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL SWAII VIVEKANANĎ COLLEGE OG ENGINEERING KHANDWA ROAD, SNOOPE



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Date: 01/03/2021

# **NOTICE**

This is to inform that Mechanical Engineering Department is organizing a two-week training program on Auto Cad software. This training aims to equip students with practical skills and knowledge in the field of solid modelling, sheet metal and simulation using Auto Cad software. Interested students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

Training Details: Software: Auto Cad

**Duration: 15 March 2021 to 20 March 2021** 

**Venue: Library** 

**Head of Department** 

**MED** 

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# Syllabus of Add-on course

#### AutoCAD Course Curriculum.

### **Introduction to AutoCAD**

What is AutoCAD and its applications

User interface and workspace customization

Basic navigation and drawing tools

Creating and managing drawings

# **Drawing and Editing Basics**

Drawing precision and units

Lines, circles, arcs, and polygons

Editing commands: Erase, move, copy, mirror, etc.

Layers and object properties

# **Object Snapping and Precision**

Object snaps and tracking

Polar and object snap tracking

Grips and editing with grips

Using coordinate systems

# **Basic Drawing Tools**

Polyline and spline tools

Rectangles and ellipses

Hatch patterns and gradients

Measuring and dimensioning tools

# **Advanced Editing and Modifying**

Trim, extend, fillet, and chamfer

Offset, array, and mirror

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Stretch, scale, and rotate

Explode and join commands

#### **Blocks and Attributes**

Introduction to blocks and block libraries

Creating and inserting blocks

Dynamic blocks and attributes

DesignCenter and Tool Palettes

### **Advanced Drawing Tools**

Polylines with curves and splines

Multilines and boundaries

Regions and 3D surfaces

Introduction to 3D modeling

## **3D Modeling Basics**

Working in 3D space

Creating and modifying 3D primitives

Extruding and lofting objects

3D viewing and visual styles

# **Solid Modeling**

Creating and editing solid objects

Boolean operations: Union, subtract, intersect

Filleting and chamfering edges

Manipulating and visualizing 3D objects

# Rendering and Visualization

Adding materials and textures

Applying lights and shadows

Creating basic renderings

Introduction to AutoCAD's rendering features

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Campus: Khandwa Road, Indore-452020 (M.P.) Phone: +91-07324-405000

• Email: info@svceindore.ac.in • Website: www.svce.vivekanandgroup.com

## **Annotating and Presenting Drawings**

Working with layouts and viewports

Creating and managing multiple views

Adding dimensions and text

Plotting and printing drawings

# **Project Work and Course Conclusion**

Applying learned skills to a comprehensive project

Refining drawings, layouts, and annotations

Finalizing and presenting the project

Course review, Q&A session, and certificates of completion

Course Duration: min 30 Hrs

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# **REPORT**

of

Two weeks Training Program

On
"AutoCAD"

Organized by
Department of Mechanical Engineering
Swami Vivekanand College of Engineering, Indore
Date:15 March 2021

Venue: Library ,SVCE Indore

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# **Title of Training Program**

# "AUTO CAD"

# **Objectives**

- 1. To provide in-depth knowledge of AUTO CAD software.
- 2. To develop practical skills in CAD design and modeling.
- 3. To familiarize participants with industry-standard practices in CAD/CAM.
- 4. To bridge the gap between academic learning and industry requirements.

Number of participants: 12

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#### Report

The Two-weeks training program on AUTO CAD was organized by Mechanical engineering Department, Swami Vivekanand College of Engineering (SVCE), Indore collaboration with MSME TECHNOLOGY CENTRE, INDORE (Indo German Tool Room). The training aimed to enhance the CAD/CAM skills of students and faculty, providing hands-on experience with Auto CAD software, a leading CAD tool used extensively in various industries.

### **Key highlights of the training:-**

The training was conducted by industry experts with extensive experience in CAD/CAM and AUTO CAD software, ensuring high-quality instruction and real-world insights. The training covered all major workbenches of AUTO CAD, including Sketcher, Part Design, Assembly Design, Drafting, Surface Design, Sheet Metal Design, and Generative Shape Design, providing participants with a holistic understanding of the software.

Each session included practical exercises and projects, allowing participants to apply what they learned immediately and gain hands-on experience. The inclusion of industry case studies and examples demonstrated how AUTO CAD is used in various engineering fields, bridging the gap between academic learning and industry practices. Participants had the opportunity to interact with experts, ask questions, and get personalized feedback, enhancing their learning experience The training included sessions on customizing the AUTO CAD environment and creating automation scripts, which are crucial skills for increasing productivity and efficiency in professional settings. Participants completed a mini-project towards the end of the training, allowing them to consolidate their learning and showcase

their skills.

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All participants received a certificate of completion, which adds value to their professional qualifications and resumes. The training received positive feedback from participants, who appreciated the detailed curriculum, expert instruction, and practical focus of the sessions.

Mr. Vishal Wankhede

**Coordinator** 

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KHANDWA ROAD, INDORF

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● Email: info@svceindore.ac.in ● Website: www.svce.vivekanandgroup.com

### List of Participants

	At	ttendance Lis	t of Students f	or Auto CAD	Training	12	
. No	NAME OF STUDENT	15/3	16/03	12/03	18/03	19/03	20/03
1	ANKIT MALVIYA	Amis	Amis	Ameis	Anneor	A	Anxio
2	GOKUL GANESH	ad-	ABL	gand	001	A	day
3	JATIN RAJ	John	Falin	John	Jahn	A	John
4	MADHUSUDAN YADAV	Mardon	madhy	A	Madry	Madry	Paolie
5	MIRAJ FARKALE	Miraj	Mirer	miraj	A	Mirroy	mivoy'
6	NITESH MALVIYA	Mana	AAA	AM	Afron	A	Almo .
7	RITESH PIPLAJE	Ritem	Rom	Ritem	Ritem	A	Ritesh
8	ROHAN SAHITE	Ram	Day	Rom	Dans	- Dolars	A
9	SHUBHAM BHAMORIYA	0	3	-	A	R	A
here i	VERSHA TURUKMANE	Yerma	Versha	Versha	Versha	A	Vershe
10	VISHAL BADKANIYA	vuhal	Villal	vyeral	urula	Vishal	A
11	VIVEK GAJBHIYE	vivele	Liner	wirek	vivek	A	vittele
12	VIVER GAJBHITE	VWCu	1			W	

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# Certificate



# MSME TECHNOLOGY CENTRE



(INDO-GERMAN TOOL ROOM, INDORE)

(A Govt. of India Society)

This is to Certify that

Certificate No. 42017

Shri/	MsANKI	MA	LVIYA				
of	SWAMI	VIVEK	ANAND COLLEG	E OF ENGINEE	RING	, INDORE	
has	attended	and	successfully	completed	the	Training	Programme
on				AUTOCAD			
,	II TOTA		re From15-0	3-2021		20-03-202	1 and

Course Co-Ordinator
Date: 13-11-2021



HOD (TRG.) M.K. PALIWAL H.O.D. (Training)

SECTOR-E INDUSTRIAL AREA, SANWER ROAD, INDORE - 452 015 (M.P.)

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KHANDWA ROAD, INDORF

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#### PHOTOS OF TRAINING



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• Email: info@svceindore.ac.in • Website: www.svce.vivekanandgroup.com

Date: 13/01/2020

# NOTICE

This is to inform that Mechanical Engineering Department is organizing a two week Industrial Training program with Shri Jagannath Industries, Indore dated 20/01/2020 to 25/01/2020 for B.Tech 3<sup>rd</sup> year Mechanical Engineering students. The aim of this training is to provide participants with a comprehensive understanding of equipments. Through hands-on activities and practical exercises, attendees will gain the knowledge and skills necessary to deal with the instruments carefully. Students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

Head of Department

ME

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL SWAMI VIVEKANANĎ COLLEGE OG ENGINEERING KHANDINA ROAD, INDORE



# Swami Vivekanand College of Engineering , Indore

# A Report

on

# Industrial Training at Shri Jagannath Industries, Indore

Dated

20/01/2020 to 25/01/2020

Academic Session 2019 -20

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SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

PRINCIPAL SWAMI VIVEKANAND COLLEGE OG ENGINEERING KHANDWA ROAD, RIDORE

#### Report

On

#### Industrial Training at Shri Jagannath Industries, Indore

Organized by: Mechanical Engineering Department

Date: 20/01/2020 to 25/01/2020

Participants: Mechanical Engineering Students

Introduction: The Mechanical Engineering Department of Swami Vivekanand College of Engineering successfully organized a Industrial Training titled "Industrial Training" from 20 to 25 January 2020. The training aimed to provide participants with a comprehensive understanding of Paints, Lubricants, Adhesives, Tools, Chemicals, Safety equipments, with various automation and construction tools.

#### Objectives of the Training

- x To familiarize participants with the properties, applications, and best practices of paints, lubricants, adhesives, tools, chemicals, safety equipment, and automation & construction tools.
- x To train participants in the safe handling, storage, and usage of these products and tools.
- x To provide hands-on experience and practical demonstrations to enhance understanding and skill development.

**Activity Description** 

Training Details:

Date: 20/01/2020 to 25/01/2020

Time: 10:00 AM - 03:00 PM

Venue: Shri Jagannath Industries, Indore

Outcomes

COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

f Enhanced Skillset: Students gained practical experience with Safety equipments, with various automation and construction tools.

IQAC COORDINATOR
WAMI VIVEKANAND

f Improved Knowledge: Participants understood the operational and technical aspects of Automation.

f Practical Application: Students applied theoretical knowledge in a practical environment, preparing them for real-world engineering challenges.

Participation and Engagement

The workshop saw enthusiastic participation from the B. Tech Third year Mechanical Engineering students. The hands-on sessions were particularly well-received, with students actively engaging in the practical exercises and demonstrating a keen interest in CNC Operation.

Conclusion

The training on paints, lubricants, adhesives, tools, chemicals, safety equipment, and automation & construction tools provided participants with a comprehensive understanding of essential products and tools used across various industries. By acquiring knowledge of product properties, applications, safety measures, and best practices, participants are better equipped to contribute effectively to their respective roles and promote workplace safety and efficiency.

Event Co -Ordinator

Mr. Vishal Wankhade

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL SWAMI VIVEKANAND COLLEGE OG ENGINEERING KHANDWA ROAD, INDONE

**Page 102** 

	SWAM	II VIVEKANAND COLLEGE (	·					
		Mechanical Engineering Department  List of Participating Students						
		Industrial Training At Jagan						
		0/01/2020 to 25/01/2020						
	S. No	Name	Roll No					
	1	Aashish Namdev	0822ME171001					
	2	Abhishek Malviya	0822ME171002					
	3	Abhishek Malviya	0822ME171003					
	4	Ajay	0822ME171004					
	5	Akash Malviya	0822ME171005					
	6	Akash Vishwakarma	0822ME171006					
	7	Akhlesh Amkare	0822ME171007					
	8	Akshat Owe	0822ME171008					
	9	Aman Kumawat	0822ME171009					
	10	Aman Saini	0822ME171010					
	11	Anand Patidar	0822ME171012					
	12	Anas Khan	0822ME171013					
	13	Anjesh Mehra	0822ME171014					
	14	Ankit Prajapati	0822ME171015					
	15	Anshuman Joshi	0822ME171016					
	16	Anurag Vajpai	0822ME171017					
	17	Arbaz Sheikh	0822ME171018					
	18	Arjun Yadav	0822ME171019					
	19	Arshlan Qureshi	0822ME171020					
	20	Ayush Kotwal	0822ME171023					
	21	Bharat Kumar Sharma	0822ME171024					
	22	Bhupendra	0822ME171025					
	<u>123</u> .	Bhupesh Yadav	0822ME171026					
IQAC	coordina	Chetan Choudhary	0822ME171027					
COLLEG	VAMI VIVEKANAND LEGE OF ENGINEERING ANDWA ROAD, INDORF							



25	Chirag Prajapat	0822ME171028
26	Deepak	0822ME171029
27	Deepak Gehlot	0822ME171030
28	Deepak Prajapati	0822ME171031
29	Dinesh Malviya	0822ME171032
30	Fakhruddin	0822ME171033
31	Harish Makode	0822ME171035
32	Himanshu Jhod	0822ME171036
33	Himanshu Nagar	0822ME171037
34	Jay Dharkar	0822ME171038
35	Jayant Patel	0822ME171039

Co-coordinator

Mr. Vishal Wankhade

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF PRINCIPAL SWAII VIVEKANANĎ COLLEGE OG ENGINEERING KHANDWA ROAD, NDORE



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SVCE/EX/HOD/2019-20/19

# NOTICE

This is to inform that Electrical & Electronics Engineering Department is organizing a six day workshop program on Enegry Audit & Report dated 02/12/2019 & 07/12/2019 for B.tech 4<sup>th</sup> year electrical & electronics engineering students. The aim of this workshop is to provide participants with a comprehensive understanding of energy conservation, audit, and management principles, and learn how to identify energy saving opportunities. Students may also learn how to prepare energy audit reports and analyze energy efficiency. Students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

**Training Details:** 

Date: 02/12/2019 & 07/12/2019

#### Workshop Schedule:

Day	Date	Session	Description
Day1	2.12.19	Session I	Energy Management & Government Programmes
		Session II	Government & EESL Programmes
Day2	3.12.19	Session I	Energy Audit Basics
		Session II	Duties of Energy Auditor & Manager
Day3	4.12.19	Session I	Energy Audit Procedure/ Tools/ Techniques/ Equipment
		Session II	Energy Audit Procedure/ Tools/ Techniques/ Equipment
Day4	5.12.19	Session I	Energy Audit Procedure
		Session II	Financing EECActivities
Day5	6.12.19	Session I	Case Studies / Best Practices Large Industries (Cement/ Iron & Steel/
		Session II	Power Distribution Utilities / Railways Buildings/ Hotel/ Other Sectors
Day6	7.12.19	Session I	Site Visits & Practical Work
		Session II	Developing Energy Audit Report

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Date: 25/11/19



# A Report

on

Six days Workshop on Energy Audit & Report

Dated

02/12/2019 to 07/12/2019

Academic Session 2019 -20

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SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

PRINCIPAL SWAMI VIVEKANANĎ COLLEGE OG ENGINEERING KHANDWA ROAD, INDORE Organized by: Electrical & Electronics Engineering Department, Swami Vivekanand College of Engineering

Participant: 28 Students

Introduction The Electrical & Electronics Engineering Department of Swami Vivekanand College of Engineering successfully organized a six days workshop titled "Energy Audit & Report" from Dec 2nd to 7th 2019. The workshop aimed to provide participants with a comprehensive understanding of of energy conservation, audit, and management principles, and learn how to identify energy saving opportunities.

**Activity Overview** 

Activity Title: Workshop on Energy Audit & Report

**Duration: 6 Days** 

Date: 02/12/2019 & 07/12/2019

Venue: Swami Vivekanand College of Engineering Campus

Instructor: Mr. Charchit Pathak

Expert from Empirical Solution Private Limited

Objectives of the Training

- f To understand Energy Audit procedure along with relevant technologies/ tools.
- f To understand Energy Conservation measures undertaken across different user segments using case studies.
- f To develop Energy Audit Report writing skills
- f To understand energy conservation, audit, and management principles.
- f To learn how to prepare energy audit reports and analyze energy efficiency.

Outcomes

Enhanced Skillset Students will be able to understand energy conservation, audit, and

IQAC COORDINATOR anagement principles.

SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

**Page 107** 

f Improved Knowledge: Students will learn how to prepare energy audit reports and analyze energy efficiency.

f Practical Application: Students applied theoretical knowledge in a practical environment, preparing them for real-world engineering challenges.

#### Conclusion

The training on Energy Audit given by the expert Empirical Solutions Private Limited in assigned location was a resounding success. The activity not only met its objectives but also provided valuable practical experience to the students, thereby contributing significantly to their professional development.

**Event Co-ordinator:** 

Mr. Anubhav Varshney

Assistant Professor, EXD

Swami Vivekanand College of Engineering

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Date: 27/01/19

### **NOTICE**

This is to inform that Electrical & Electronics Engineering Department is organizing a six days workshop program on Energy Audit & Report´ from 04/02/2019 to 09/02/2019 for B.Tech 4<sup>th</sup> year electrical & electronics engineering students. The aim of this workshop is to provide participants with a comprehensive understanding of energy conservation, audit, and management principles, and learn how to identify energy saving opportunities. Students may also learn how to prepare energy audit reports and analyze energy efficiency. Students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

**Training Details:** 

Date: 04/02/2019 & 09/02/2019

#### Workshop Schedule:

Day	Date	Session	Description	
Day1	4.02.19	Session I	Energy Management & Government Programmes	
		Session II	Government & EESL Programmes	
Doy2	5.02.19	Session I	Energy Audit Basics	
Day2	3.02.19	Session II	Duties of Energy Auditor & Manager	
Day2	6.02.19	Session I	Energy Audit Procedure/ Tools/ Techniques/ Equipment	
Day3	0.02.19	Session II	Energy Audit Procedure/ Tools/ Techniques/ Equipment	
Day4	7.02.19	Session I	Energy Audit Procedure	
Duy	,	Session II	Financing EECActivities	
Day5	8.02.19	Session I	Case Studies / Best Practices Large Industries (Cement/ Iron & Steel/	
Day3	0.02.19	Session II	Power Distribution Utilities / Railways Buildings/ Hotel/ Other Sectors	
Doy/6	0.02.10	Session I	Site Visits & Practical Work	
Day6	9.02.19	Session II	Developing Energy Audit Report	

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KHANDWA ROAD, INDORF



# Swami Vivekanand College of Engineering, Indore

## A Report

on

Six days Workshop on Energy Audit & Report

Dated

04/02/2019 to 09/02/2019

Academic Session 2018 -19

IQAC COORDINATOR
SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

Organized by: Electrical & Electronics Engineering Department, Swami Vivekanand College

of Engineering

Participant: 20 Students

The Electrical & Electronics Engineering Department of Swami Vivekanand Introduction College of Engineering successfully organized a six days worshop titled "Energy Audit & Report" from Feb 4th to 9th, 2019. The workshop aimed to provide participants with a comprehensive understanding of of energy conservation, audit, and management principles, and learn how to identify energy saving opportunities.

**Activity Overview** 

Activity Title: Industrial training on Energy Audit & Report

Duration: 6 Days

Date: 04/02/2019 & 09/02/2019

Venue: Swami Vivekanand College of Engineering Campus

Instructor: Mr. Sachin Kumawat Experts from Empirical Solution Private Limited

Objectives of the Training

f To understand Energy Audit procedure along with relevant technologies/ tools.

f To understand Energy Conservation measures undertaken across different user segments using case studies.

f To develop Energy Audit Report writing skills

f To understand energy conservation, audit, and management principles.

f To learn how to prepare energy audit reports and analyze energy efficiency.

Outcomes

Enhanced Skillset Students will be able to understand energy conservation, and and

IQAC COORDINATOR anagement principles.

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**Page 111** 

f Improved Knowledge: Students will learn how to prepare energy audit reports and analyze energy efficiency.

f Practical Application: Students applied theoretical knowledge in a practical environment, preparing them for real-world engineering challenges.

#### Conclusion

The training on Energy Audit given by the expert Empirical Solutions Private Limited in assigned location was a resounding success. The activity not only met its objectives but also provided valuable practical experience to the students, thereby contributing significantly to their professional development.

Event Co-ordinator:

Ms. Namrata Jain

Assistant Professor, EXD

Swami Vivekanand College of Engineering

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SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

# Student List for Workshop on "Energy Audit & Report" (Session 2018-2019)

S. NO.	Enrollment No.	Name of Students
1	0822EX151001	ABHISHEK GADEKAR
2	0822EX151002	AMARDAS PAWAR
3	0822EX151003	AMIT KUMAR ASHAPURE
4	0822EX151004	ANIL MANDLOI
5	0822EX151005	ARCHANA SI NGH YADAV
6	0822EX151006	ARJUN PURI
7	0822EX151011	GAJENDRA SALVI
8	0822EX151012	GOVIND MEENA
9	0822EX151013	HARIOM SUR YAWANSHI
10	0822EX151014	HEMANT
11	0822EX151015	IRFAN KHAN
12	0822EX151016	JITENDRA
13	0822EX151018	NILESH SOLANKI
14	0822EX151019	NITIN GOYAL
15	0822EX151021	PRITESH TIWARI
16	0822EX151028	SHI VRAM KAHIR
17	0822EX151030	SO URABH PATIDAR
18	0822EX151031	VASUD EV CHOUDHARY
19	0822EX151032	VIJAY KALAM
20	0822EX151036	YOGESH VASUNI YA

Head of Department

EX

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COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF



# Swami Vivekanand College of Engineering

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Date: 07/04/2019

## NOTICE

This is to inform that Mechanical Engineering Department is organizing a two week Industrial Training program with Shri Jagannath Industries, Indore dated 15/04/2019 to 27/04/2019 for B.Tech 3<sup>rd</sup> year Mechanical Engineering students. The aim of this training is to provide participants with a comprehensive understanding of equipments. Through hands-on activities and practical exercises, attendees will gain the knowledge and skills necessary to deal with the instruments carefully. Students are required to contact department for the mentioned program. Certificates will be provided to all the participants.

Head of Department

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IQAC COORDINATOR
SWAMI VIVEKANAND
COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

#### Report On

Industrial Training on Chemicals and Equipments at Shri Jagannath Industries, Indore

Organized by: Mechanical Engineering Department, Swami Vivekanand College of Engineering

Participant: 30 Students (B. Tech III Year)

Introduction The Mechanical Engineering Department of Swami Vivekanand College of Engineering successfully organized a "Industrial Training on Chemicals and Equipments" on April 15th to 27th, 2019. The training aimed to provide participants with a comprehensive understanding of Paints, Lubricants, Adhesives, Tools, Chemicals, Safety equipments, with various automation and construction tools.

Activity Overview

**Activity Title: Industrial Training** 

Duration: 2 Weeks

Date: 15/04/2019 & 27/04/2019

Venue: Shri Jagannath Industries 403, Dutt Nagar, Opposite D-Mart, Rajendra Nagar, Indore-

452012

Instructor: Mr. Shubham Tyagi

Objectives of the Training

x To familiarize participants with the properties, applications, and best practices of paints, lubricants, adhesives, tools, chemicals, safety equipment, and automation & construction tools.

x To train participants in the safe handling, storage, and usage of these products and tools.

x To provide hands-on experience and practical demonstrations to enhance understanding and skill development.

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COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

#### Outcomes

- f Enhanced Skillset: Students gained practical experience with Safety equipments, with various automation and construction tools.
- f Improved Knowledge: Participants understood the operational and technical aspects of Automation.
- f Practical Application: Students applied theoretical knowledge in a practical environment, preparing them for real-world engineering challenges.

#### Conclusion

The training on paints, lubricants, adhesives, tools, chemicals, safety equipment, and automation & construction tools provided participants with a comprehensive understanding of essential products and tools used across various industries. By acquiring knowledge of product properties, applications, safety measures, and best practices, participants are better equipped to contribute effectively to their respective roles and promote workplace safety and efficiency.

Training Co- Ordinator

Mr. Vishal Wankhade Assistant Professor, MED

Swami Vivekanand College of Engineering

IQAC COORDINATOR SWAMI VIVEKANAND COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

## SWAMI VIVEKANAND COLLEGE OF ENGINEERING, INDORE

Mechanical Engineering Department

List of Participating Students (B. E. 3rd year)

<sup>3</sup>, Q G X V W U L D Oat Shtri Daga On Lat Q Ih dustries, Indore

Date :- 15/04/2019 to 27/04/2019

S.No	Name	Roll No
1	Ajay Patidar	0822ME161001
2	Ajay Singh Rathode	0822ME161002
3	Akash Sahu	0822ME161003
4	Aman Soni	0822ME161006
5	Aniruddha Dev	0822ME161008
6	Ankit Chandore	0822ME161009
7	Ashutosh Jhankal	0822ME161015
8	Atul Choyal	0822ME161016
9	Balram Sitole	0822ME161018
10	Chandra Shakhar Jadav	0822ME161020
11	Chayan Chouhan	0822ME161021
12	Deepak Singh Rathore	0822ME161022
13	Deepak Yadav	0822ME161023
14	Deepak Yadav	0822ME161024
15	Devendra Kashyap	0822ME161025
16	Dhananjay Bobde	0822ME161026
17	Gagan Vishwakarma	0822ME161028
18	Ganesh Ambiya	0822ME161029
19	Gopal Sharma	0822ME161031
20	Himanshu Rajput	0822ME161033
21	Ibrahim Alirajpurwal	0822ME161034
22	Jakariya	0822ME161035
23	Jayesh Khalane	0822ME161036
CÖORDIN I VI <b>VI</b> KA E OF ENGL	Aparengira Kumar Bhau	0822ME161037



COLLEGE OF ENGINEERING KHANDWA ROAD, INDORF

25	Kantilal	0822ME161038
26	Kayyum	0822ME161039
27	Kuldeep Chandel	0822ME161041
28	Kuldeep Singh Rathore	0822ME161043
29	Lokesh Chouhan	0822ME161044
30	Lokesh Dange	0822ME161045

Co-coordinator

IQAC COORDINATOR
SWAMI VIVEKANAND
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KHANDWA ROAD, INDORF



Date: 14/07/2018

#### Notice

Swami Vivekanand College of Engineering is planning to organize a Nukkad Natak (Street Play) under environmental promotion and sustainability activities on 20<sup>th</sup> July 2018 at Chappan Dukan Indore. We invite all student volunteers to actively participate in this activity. This activity will start at 10:30 AM on 20<sup>th</sup> July 2018 at Chappan Dukan, Indore. The activity is coordinated by Dr. Manik Walenkar (Chemistry Depertment) and Mr. Amit Kumar Kundu (Mechanical Engineering).

Principal

SVCE,Indore

CC:

1. Director, SVGI

2. Vice Principal

3. Administrative Officer

4. All Concerned Staff

5. Notice Board

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KHANDWA ROAD, INDORF



## Swami Vivekanand College of Engineering, Indore

## A Report

on

One Day Beyond Campus Environmental

Promotion and Sustainability Activity

on

20/07/2018

Academic Session 2018 -19

IQAC COORDINATOR
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COLLEGE OF ENGINEERING
KHANDWA ROAD, INDORF

Report on beyond the campus environment al promotion and sustainability activit y

20/07/2018

Introduction:

Swachh Bharat Abhiyan, launched on 2<sup>nd</sup> October 2014, is a nationwide cleanliness campaign

initiated by the Government of India. The aim of the campaign is to achieve the vision of a 'Clean

India' by 2<sup>nd</sup> October 2019, marking the 150th birth anniversary of Mahatma Gandhi. As part of

this initiative, an outreach program was organized by students of SVGI at Chappan Dukan on 20th

July 2018, to raise awareness about the importance of cleanliness and hygiene in our daily lives.

Event Details:

Date: 20th July 2018

Venue: Chappan Dukan

Organized by: SVCE Students

Type of Program: Nukkad Natak (Street Play)

Objective:

To educate and motivate the local community, shopkeepers, and passersby at Chappan Dukan

about the significance of cleanliness and their role in maintaining a clean environment.

Activities:

Nukkad Natak: The highlight of the program was a nukkadnatak performed by SVGI students.

The play depicted various scenarios highlighting the importance of cleanliness, the health hazards

of living in unhygienic conditions, and the impact of littering on the environment. The performance

was engaging and thought-provoking, capturing the attention of the audience and delivering the

message effectively.

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Interactive Sessions: Following the nukkad natak, interactive sessions were conducted with the audience. The students explained the objectives of Swachh Bharat Abhiyan and shared practical tips on waste management, segregation of waste, and the proper use of dustbins. The audience was encouraged to ask questions and share their views on the campaign.

#### Conclusio n:

The outreach program on Swachh Bharat Abhiyan conducted by SVGI students at Chappan Dukan on 20th July 2018 was a commendable initiative to spread awareness about cleanliness and hygiene. Such programs play a crucial role in mobilizing communities and fostering a sense of responsibility towards maintaining a clean and healthy environment.

Thanks and Regards

Ms. Anjali Bhatiya

**Event Coordinato** 

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Glimpse beyond the campus environmental promotion and sustainability activities



Glimpse beyond the campus environmental promotion and sustainability activities





PRINCIPAL SWAMI VIVEKANAND COLLEGE OG ENGINEERING Glimpse beyond the campus environmental promotion and sustainability activities



Glimpse beyond the campus environmental promotion and sustainability activities





## Attendance Sheet

S.No	Roll No	Branch	Name of Students	Signature
1	0822EC181001	EC	AMISHA VERMA	Anish.
2	0822EC181004	EC	ARTI KHATRI	Docti
3	0822EC181006	EC	AYUSHI	Sunt-
4	0822EC181013	EC	POOJA CHOURASIYA	ROTA
5	0822EC181014	EC	PRACHI PANDEY	Bunk
6	0822EC181015	EC	RAHUL CHOUHAN	Robol
7	0822EC181016	EC	RAHUL PARIHAR	Dan'L
8	0822EC181017	EC	RAJESHWARI	Cajestrow
9	0822EC181024	EC	SAMIDHA MISHRA	mitter
10	0822EC181025	EC	SANJAY GAWATIYA	SANVA
11	0822IT181001	IT	AASHANI NAGAR	ace Allen
12	0822IT181004	IT	AYUSH MAHAJAN	Alyust1
13	0822IT181005	1T	DILASHA PATIDAR	Didu
14	0822IT181006	IT	HARSHAL MESARE	HOXSHAL
15	0822IT181007	IT	KHUSHI RATHORE	Khushi
16	0822IT181009	IT	NEELAM MISHRA	NERAM
17	0822IT181010	IT	NITIKA G VAIDYA	MUQH
18	0822IT181011	IT	NUTAN	NUTAR .
19	0822IT181012	IT	PURVI PANDEY	Ruly
20	0822IT181013	IT	SHAHID SHAH	SHOPID.
21	0822IT181014	IT	SHIVANI RATHOD	Strue
22	0822IT181015	IT	SHIVANI SONI	Chivani
23	0822IT181016	IT	UTSAV RATHORE	Carhan
24	0822IT181019	IT	VIVEK MISHRA	VIUEK
25	0822IT181020	IT	YASH KUMAR RATHORE	Yash.

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