2.3.1 : Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT-enabled tools including online resources for effective teaching and learning process

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1A. Experiential Learning:

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1B. Participative learning:

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Annexure :

- Color photographs of SDP report Pg. No. 493 -508
- Color photographs of Laboratory Pg. No. 509
- Color photographs of project presentation Pg. No. 515
- Color photographs of workshop conducted Pg. No. 519, 521

Dr. Babasaheb Ambedkar Technological University, Lonere

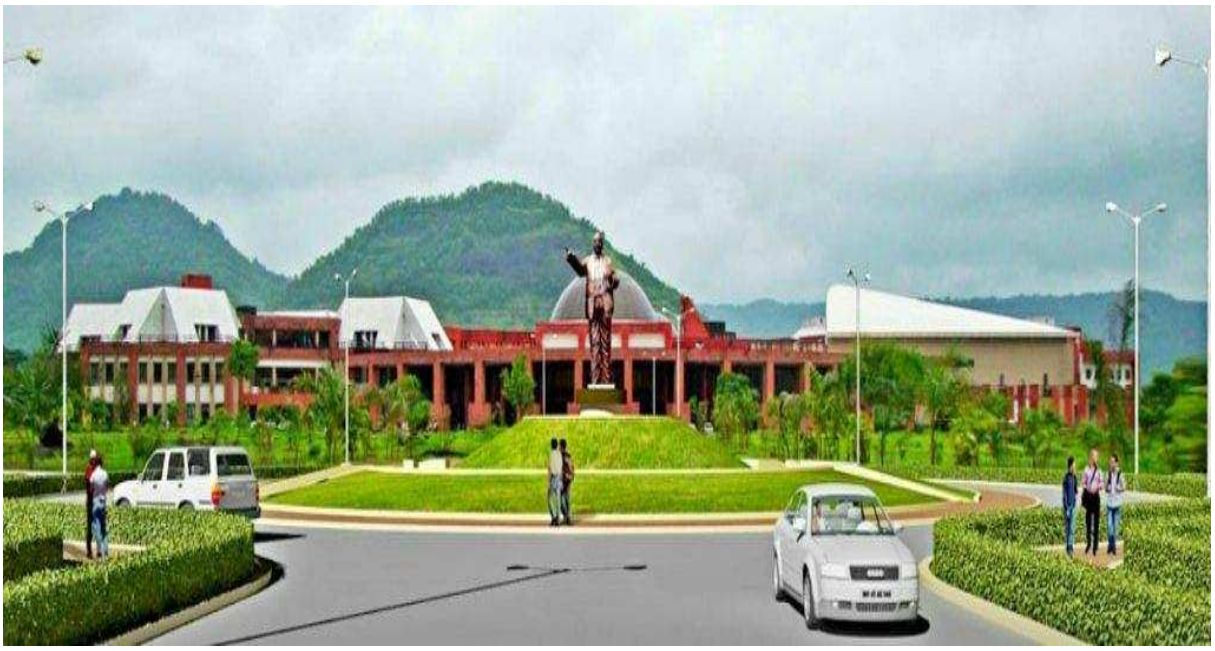
Summary of laboratory curriculum conducted semester wise

(Established as a University of Technology in the State of Maharashtra)
(Under Maharashtra Act No. XXIX of 2014)
P.O. Lonere, Dist. Raigad, Pin 402 103, Maharashtra
Telephone and Fax. : 02140 - 275142
www.dbatu.ac.in

Curriculum for Undergraduate Degree Programme

S.Y. B. Tech. in Civil Engineering

With effect from AY 2021-22



Dr. Babasaheb Ambedkar Technological University
Lonere 402 103, Dist- Raigad, Maharashtra, INDIA

Teaching & Evaluation Scheme for Second Year B. Tech. Civil Engg.

Semester- III										
Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
BSC 5	BTBS301	Mathematics – III	3	1	-	20	20	60	100	4
ESC 8	BTCVES302	Mechanics of Solids	3	1	-	20	20	60	100	4
PCC 1	BTCVC303	Building Construction & Drawing	2	1	-	20	20	60	100	3
PCC 2	BTCVC304	Hydraulics -I	3	1	-	20	20	60	100	4
PCC 3	BTCVC305	Surveying	2	1	-	20	20	60	100	3
HSSMC2	BTHM306	Soft Skill Development	2	-	-	50	-	-	50	Audit
LC 1	BTCVL 307	Solid Mechanics Laboratory	-	-	2	20	-	30	50	1
LC 2	BTCVL 308	Hydraulics-I Laboratory	-	-	2	20	-	30	50	1
LC 3	BTCVL 309	Surveying Laboratory	-	-	2	20	-	30	50	1
Internship	BTES210P	Internship –I Evaluation (From Sem II)	-	-	-	-	-	50	50	Audit
		Total	**15**	**05**	**06**	**210**	**100**	**440**	**750**	**21**

Semester- IV										
Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
PCC 4	BTCVC401	Building Planning and Drawing	2	-	-	20	20	60	100	2
PCC 5	BTCVC402	Environmental Engineering	2	-	-	20	20	60	100	2
PCC 6	BTCVC403	Structural Mechanics - I	2	1	-	20	20	60	100	3
PCC 7	BTCVC404	Water Resources Engineering	3	-	-	20	20	60	100	3
PCC 8	BTCVC405	Hydraulics - II	2	1	-	20	20	60	100	3
PCC 9	BTCVC406	Engineering Geology	2	1	-	20	20	60	100	3
LC 4	BTCVL407	Building Planning and CAD Lab.	-	-	2	20	-	30	50	1
LC 5	BTCVL408	Environmental Engg. Lab.	-	-	2	20	-	30	50	1
LC 6	BTCVL409	HE-II Lab.	-	-	2	20	-	30	50	1
Internship	BTCVP410	Field Training / Internship/Industrial Training (minimum of 4 weeks training in Summer Vacation after Semester IV and appear at examination in Semester V)	-	-	-	-	-	-	-	To be evaluated in V Sem.
		Total	**13**	**03**	**06**	**180**	**120**	**450**	**750**	**19**

2

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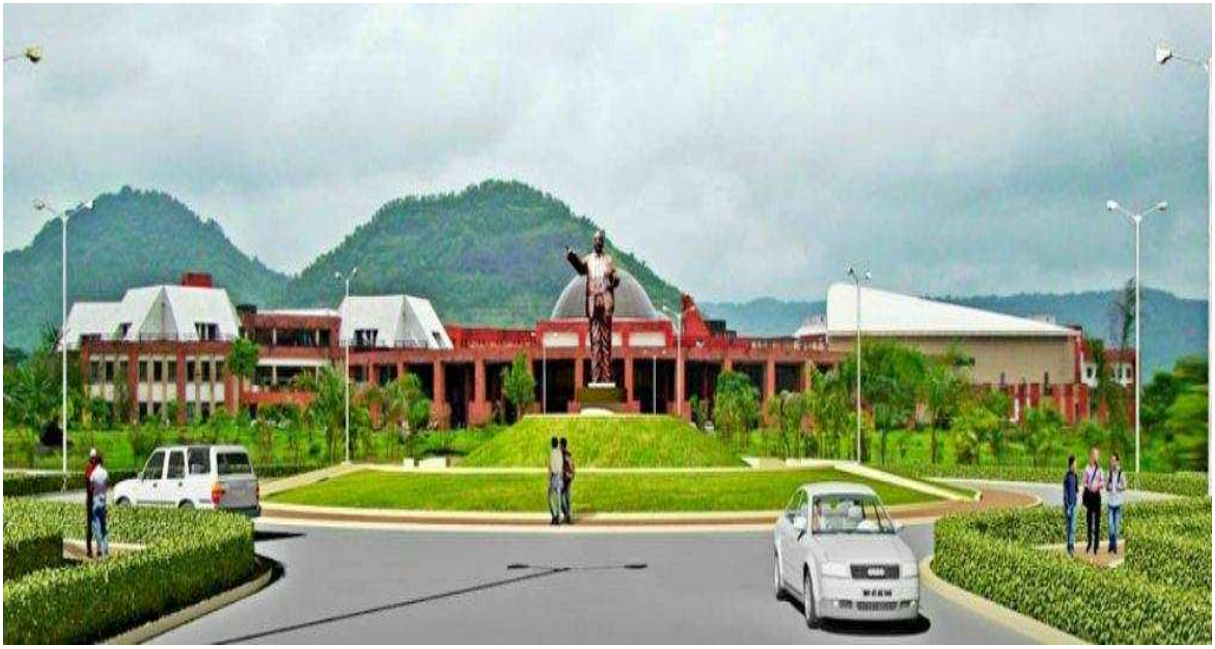
Draft Copy of Curriculum for Undergraduate Degree Programme

B. Tech. in Civil Engineering

Third Year

With effect from AY 2022-2023



Teaching & Evaluation Scheme for Third Year B Tech Civil Engg.

Semester- V										
Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
PCC 10	BTCVC501	Design of Steel Structures	2	1	-	20	20	60	100	3
PCC 11	BTCVC502	Geotechnical Engineering	3	1	-	20	20	60	100	4
PCC 12	BTCVC503	Structural Mechanics –II	2	1	-	20	20	60	100	3
PCC 13	BTCVC504	Concrete Technology	2	-	-	20	20	60	100	2
HSSMC3	BTHM505	Project Management	3	-	-	20	20	60	100	3
PEC 1	BTCVPE506	A. Advanced Environmental Engg. B. Applied Geology C. Hydraulic Engineering Design D. Advanced Water Resources E. Geomatics F. Town and Urban Planning G. Material, Testing and Evaluation H. Construction Economics & Finance	3	-	-	20	20	60	100	3
ESC10	BTCVES507	Software applications in Civil Engineering	2	-	-	50	-	-	50	Audit
LC 7	BTCVL508	SDD of Steel Structures Lab.	-	-	2	20	-	30	50	1
LC 8	BTCVL509	Geotechnical Engineering Lab.	-	-	2	20	-	30	50	1
LC 9	BTCVL510	Concrete Technology Lab.	-	-	2	20	-	30	50	1
Internship	BTCVP410	Internship – 2 Evaluation	-	-	-	-	-	-	-	Audit
		Total	**17**	**3**	**6**	**230**	**120**	**450**	**800**	**21**

Semester- VI										
Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
PCC 14	BTCVC601	Design of RC Structures	3	1	-	20	20	60	100	4
PCC 15	BTCVC602	Foundation Engineering	3	1	-	20	20	60	100	4
PCC 16	BTCVC603	Transportation Engineering	3	-	-	20	20	60	100	3
PEC 2	BTCVPE604	A. Industrial Waste Treatment B. Managerial Techniques C. Open Channel Flow D. Water Power Engineering E. Ground Improvement Techniques F. Structural Audit G. Intelligent Transportation Systems H. Plastic Analysis of Structures I. Numerical Methods in Civil Engg. J. Engineering Management	3	-	-	20	20	60	100	3
OEC 1	BTCVOE605	A. Environmental Impact Assessment B. Basic Human Rights C. Business Communication and Presentation Skills D. Composite Materials E. Experimental Stress Analysis F. Python Programming G. Operation Research H. Applications of Remote Sensing and Geographic Information Systems I. Civionics: Instrumentation & Sensor Technologies for Civil Engineering J. Planning for Sustainable Development K. Development Engineering	3	-	-	20	20	60	100	3
HSSMC4	BTHM606	Indian Constitution	2	-	-	50	-	-	50	Audit
LC 10	BTCVL607	SDD of RC Structures Lab.	-	-	2	20	-	30	50	1
LC 11	BTCVL608	Transportation Engineering Lab	-	-	2	20	-	30	50	1
Project	BTCVM609	Mini Project	-	-	2	20	-	30	50	1
Internship		**Mandatory (BTCVP610)** Field Training/ Internship/Industrial Training (minimum of 4 weeks training in Summer Vacation after Semester VI and appear at examination in Semester VII.)	-	-	-	-	-	-	-	Credits to be evaluated in VII Sem
Total			**17**	**2**	**6**	**210**	**100**	**390**	**700**	**20**

Detailed Syllabus

Dr. Babasaheb Ambedkar Technological University, Lonere

Teaching & Evaluation Scheme for Third Year B Tech Civil Engg.

Semester- V										
Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
PCC 10	BTCVC 501	Design of Steel Structures	2	1	-	20	20	60	100	3
PCC 11	BTCVC 502	Geotechnical Engineering	3	1	-	20	20	60	100	4
PCC 12	BTCVC 503	Structural Mechanics –II	2	1	-	20	20	60	100	3
PCC 13	BTCVC 504	Concrete Technology	2	-	-	20	20	60	100	2
HSSMC3	BTHM505	Project Management	3	-	-	20	20	60	100	3
PEC 1	BTCVPE506	A. Advanced Environmental Engg. B. Applied Geology C. Hydraulic Engineering Design D. Advanced Water Resources E. Geomatics F. Town and Urban Planning G. Material, Testing and Evaluation H. Construction Economics & Finance	3	-	-	20	20	60	100	3
ESC9	BTCVES507	Software applications in Civil Engineering	2	-	-	50	-	-	50	Audit
LC 7	BTCVL508	SDD of Steel Structures Lab.	-	-	2	20	-	30	50	1
LC 8	BTCVL509	Geotechnical Engineering Lab.	-	-	2	20	-	30	50	1
LC 9	BTCVL510	Concrete Technology Lab.	-	-	2	20	-	30	50	1
Internship	BTCVP410	Internship – 2 Evaluation	-	-	-	-	-	-	-	Audit
		Total	**17**	**3**	**6**	**230**	**120**	**450**	**800**	**21**

BTCVC 501 Design of Steel Structures

Teaching Scheme: (2 Lectures + 1 Tutorial) hours/week

Course Contents

Module 1: Introduction and Connections **(6 Lectures)**

Introduction, advantages & disadvantages of steel structures, permissible stresses, factor of safety, methods of design, types of connections, various types of standard rolled sections, types of loads and load combinations
Types: Riveted, Bolted, Welded; Analysis of axially & eccentrically loaded connections (subjected to bending & torsion), Permissible Stresses, Design of connections, failure of joints

Module 2: Axially Loaded Members, and Flexure Members **(8 Lectures)**

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Proposed Course Contents for

B. Tech. in Civil Engineering

w.e.f. June 2020

7th Semester - 8th Semester

Department of Civil Engineering

Program Objectives

Goal of the Civil Engineering at Dr. Babasaheb Ambedkar Technological University, Lonere (BATU) is to provide students with preparation to become worthy of professional careers in the field and to be motivated for lifelong learning. All prescribed courses have definite objectives and outcomes. Program objectives are expected qualities of engineers as under:

a) Preparation: To prepare students to excel in various educational programmes or to succeed in industry / technical profession through further education/training;

b) Core Competence: To provide students with a solid foundation in mathematical, scientific fundamentals required to solve real life civil engineering problems;

c) Breadth: To train students with a breadth of scientific knowledge to comprehend, analyze, design & create novel products and solutions for real life problems;

d) Professionalism: To inculcate in students professional/ethical attitude, effective team work skills, multidisciplinary approach and to relate engineering issues to a broader context;

e) Learning Environment: To provide students with academic environment of excellence, leadership, ethical guidelines and life-long learning needed for a long / productive career.

Program Educational Objectives

1. Taking pride in their profession and have commitment to highest standards of ethical practices and related technical disciplines;
2. Able to design various structures and systems that is safe, economical and efficient;
3. Capable of using modern tools efficiently in all aspects of professional practices;
4. Dealing successfully with real life civil engineering problems and achieve practical solutions based on a sound science and engineering knowledge;
5. Shall be engage in continuous research, development and exchange of knowledge for professional development;
6. Be honest in their control and performing their duties and promote effective use of resources through open, honest and impartial services to the public;
7. Act in such a manner which will uphold the honour, integrity, or dignity of the engineering profession, and avoid knowingly engaging in business or professional practices of a fraudulent, dishonest or unethical nature;
8. Recognize that the lives, safety, health and welfare of the general public are dependent upon engineering, decision and practices;
9. Continue their professional development throughout their careers and provide opportunities for the professional development.

Program Outcomes

At the end of the program the student will be able to:

PO 1	Apply the knowledge of mathematics, basic sciences, and civil engineering to the solution of complex engineering problems.
PO 2	Identify, formulate, research literature, and analyze complex civil engineering problems reaching substantiated conclusions.
PO 3	Design solutions for complex engineering problems and design of civil engineering structures that meet the specified needs.
PO 4	Use civil engineering research-based knowledge related to interpretation of data and provide valid conclusions.
PO 5	Create, select, and apply modern civil engineering and IT tools to complex engineering activities with an understanding of the limitations.
PO 6	Apply reasoning acquired by the civil engineering knowledge to assess societal and safety issues.
PO 7	Understand the impact of engineering solutions on the environment, and demonstrate the knowledge for sustainable development.
PO 8	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO 9	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO 10	Communicate effectively on complex engineering activities with the engineering community and with society at large.
PO 11	Understand the engineering and management principles and apply these to the multidisciplinary environments.
PO 12	Recognize the need for life-long learning in the broadest context of technological change.

Program-Specific Outcomes (PSOs)

PSO 1	Make the students employable in engineering industries.
PSO 2	Motivate the students for higher studies and research.
PSO 3	Motivate the students for various competitive examinations.

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

Abbreviations

PEO:	Program Educational Objectives
PO:	Program Outcomes
CO:	Course Outcomes
L:	No. of Lecture hours (per week)
T:	No. of Tutorial hours (per week)
P:	No. of Practical hours (per week)
C:	Total number of credits
BSH:	Basic Science and Humanity
BSC:	Basic Sciences Course
PCC:	Professional Core Course
OEC:	Open Elective Course
PEC:	Professional Elective Course
BHC:	Basic Humanity Course
ESC:	Engineering Science Course
HSMC:	Humanity Science and Management Course
NCC:	National Cadet Corps
NSS:	National Service Scheme
CA:	Continuous Assessment
MSE:	Mid Semester Exam
ESE:	End Semester Exam
SS:	Self Study Course

B. Tech. Civil Engineering

Course Structure for Semester VII (Fourth Year) w.e.f. 2020-2021

Course Code	Type of Course	Course Title	Weekly Teaching Scheme			Evaluation Scheme				Credits
			L	T	P	CA	MSE	ESE	Total	
BTCVC701	**Core**	Design of Concrete Structures - II	2	1	--	20	20	60	100	3
BTCVC702	**Core**	Infrastructure Engineering	3	--	--	20	20	60	100	3
BTCVC703	**Core**	Water Resources Engineering	3	1	--	20	20	60	100	4
BTCVC704	**Core**	Professional Practices	2	1	--	20	20	60	100	3
BTCVE705A	**Elective IV**	Construction Techniques	3	--	--	20	20	60	100	3
BTCVE705B		Engineering Economics								
BTCVE705C		Finite Element Method								
BTCVE705D		Limit State Design of Steel Structures								
BTCVE705E		Plastic Analysis and Design								
BTCVE705F		Water Power Engineering								
BTCVOE706A	**Open Elective V**	Advanced Structural Mechanics	3	--	--	--	--	--	--	Audit (AU/ NP)
BTCVOE706B		Air Pollution Control								
BTCVOE706C		Bridge Engineering								
BTCVOE706D		Introduction to Earthquake Engineering								
BTCVOE706E		Town and Urban Planning								
BTCVOE706F		Tunneling and Underground Excavations								
BTCVL707	Laboratory	Design & Drawing of RC & Steel Structures	--	--	2	30	--	20	50	1
BTCVL708	Laboratory	Professional Practices	--	--	2	30	--	20	50	1
BTCVT709	Training	Field Training /Internship/Industrial	--	--	--	--	--	50	50	1
BTCVS710	BTS	Seminar	--	--	2	--	--	50	50	1
BTCVP711	BTP	Project Stage-I**	--	--	6	--	50	50	100	3
		Total	**16**	**3**	**12**	**160**	**150**	**490**	**800**	**23**

***In case of students opting for Internship and Industry Project in the eighth semester, the Project must be industry-based.*

B. Tech. Civil Engineering

Course Structure for Semester VIII [Fourth Year] w.e.f. 2020-2021

Course Code	Type of Course	Course Title	Weekly Teaching Scheme			Evaluation Scheme$				Credits
			L	T	P	CA	MSE	ESE	Total	
BTCVSS801A	(Self-Study Course)#	Characterization of Construction Materials	03**	--	--	20	20	60	100	3
BTCVSS801B		Geosynthetics and Reinforced Soil Structures								
BTCVSS801C		Higher Surveying								
BTCVSS801D		Maintenance and Repair of Concrete Structures								
BTCESS801E		Structural Dynamics								
BTCESS802A	(Self-Study Course)#	Energy Efficiency Acoustics and Daylighting in Building	03**	--	--	20	20	60	100	3
BTCESS802B		Environmental Remediation of Contaminated Sites								
BTCESS802C		Remote Sensing Essentials								
BTCESS802D		Mechanical Characterization of Bituminous Materials								
BTCESS802E		Soil Structure Interaction								
BTCEP803	Project Stage-II	In-house Project or Internship and Project in Industry*	--	--	30	50	--	100	150	15
		Total	04	--	30	90	40	220	350	21

 # The subjects are to be studied on self-study mode using SWAYAM/NPTEL/any other online source approved by the University.

*****If required Coordinator may be appointed for each Self study course and an administrative load of 03 hours per week may be considered for monitoring and assisting the students, and to conduct examination (if required), evaluation and preparation of result.***

$ If the examination schedule for the online Self study course chosen by student do not match with the University's Academic Schedule, the University/Institute have to conduct exam for such courses.

**** Six months of Internship and Project in the Industry. One Faculty guide from the Institute and one Mentor from the Industry should be identified to monitor the progress of work. During the Project/Internship period of work, a review of work should be taken twice followed by a final presentation at the end of Project period.***

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE Panhala

Department of civil engineering

Laboratory curriculum 2022-23

S.Y.B.Tech. ODD SEM

BTCVL307 Solid Mechanics Laboratory

Practical Work consists of performance of at least seven experiments from the list below (excluding the eleventh study)experiment: Detailed report is expected.

List of Experiments

1. Tension test on ferrous and non-ferrous alloys (mild steel / cast iron /aluminum etc.)
2. Compression test on mild steel, aluminum, concrete, and wood.
3. Shear test on mild steel and aluminum (single and double shear tests).
4. Torsion test on mild steel and cast iron solid bars and pipes.
5. Flexure test on timber and cast iron beams.
6. Deflection test on mild steel and wooden beam specimens.
7. Graphical solution method for principal stress problems.
8. Impact test on mild steel, brass, Aluminum, and cast iron specimens.
9. Experimental on thermal stresses.
10. Strain measurement involving strain gauges / rosettes.

BTCVL 308 Hydraulics- I Laboratory

Practical Work consists of at least eight performances from list below and detailed reporting in form of journal. Practical examination shall be based on above.

1. Measurement of Viscosity of various fluids
2. Demonstration of working of different types of valves and pipe fittings
3. Measurement of pressure Piezometer, manometers, Pressure gauges
4. Measurement of discharge - Calibration of measuring tank, Use of hook or point gauge.
5. Verification of Bernoulli's Theorem
6. Determination of metacentric height.
7. Calibration of an orifice / mouthpiece / venturimeter / orifice meter
8. Study of factors affecting coefficient of friction for pipe flow (for two different materials and two differentdiameters)
9. Determination of loss of head due to Pipe Fittings

BTCVL309 Surveying Laboratory

Practical Work consists of performances among the list below and detailed reporting in form of field book, journal and drawing sheets.

Perform each of the following practical work

1. Use of Dumpy Level, Auto Level and Tilting Level.
2. Sensitivity of Bubble Tube using Dumpy Level.
3. Evaluation of constant of Planimeter, and use of Digital Planimeter for measurement of areas.
4. Study of Theodolite.
5. Methods of Plane Table Survey
6. Study and use of Total Station
7. Among following any two shall be performed
8. Reciprocal Levelling.
9. Illustration of Permanent adjustment of Dumpy Level
10. Measurement of Horizontal Angle by Various Methods
11. Measurement of Magnetic Bearing and Vertical Angle by Theodolite
12. Two Point and Three Point Problems
13. Among following two shall be performed
14. Road survey, 2) Radial Contouring, 3) Block Contouring, 4) Theodolite Traversing

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SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE Panhala

Department of civil engineering
Laboratory curriculum 2022-23

T.Y.B.Tech. ODD SEM

BTCVL508 SDD of Steel Structures Lab

Term work shall consist of detailed analytical report for structural design and drawing of any one of the following steel structure from Group A and B. Student may use IS 800 1984 or 2007.

Group A

1. Industrial Shed: Roof Truss with Necessary Bracing System, Purlins, Column and Column Bases
2. Industrial Shed: With Portal or Gable Frames of Solid or Open Web Sections with Necessary Bracing System, Purlins, Column and Column Bases
3. Industrial Shed: Gantry Girder, Columns with Necessary Bracing System, Purlins, Column and Column Bases
4. G + 3 Building Structure

Group B

1. Foot Bridge: Analysis using Influence lines for Main Truss, Cross Beams, Raker, and Joint Details
2. Plate Girder: Analysis and Design of Rivetted or Welded Plate Girder.
3. Elevated Water Tank: Analysis and Design of Staging and Tank Body.
4. Steel Chimneys

BTCVL509 Geotechnical Engineering Lab

Term work shall consist of performance of at least seven experiments from the following mentioned list of experiments.

1. Specific gravity determination of coarse and fine grained soil
2. Particle size distribution-Mechanical sieve analysis, wet sieve analysis
3. Determination of Atterberg's consistency limit
4. Permeability- Determination of coefficient of permeability
5. Field density determination
6. Direct shear box test
7. Procter compaction test
8. Tri-axial test
9. Unconfined compression test
10. One dimensional consolidation test

BTCVL 510 Concrete Technology Laboratory

Term work shall consist of performing minimum five experimental sets from the list below.

1. Testing of Cement: Consistency, Fineness, Setting Time, Specific Gravity,
2. Soundness and Strength Test for Cement
3. Testing of Aggregates: Specific Gravity, Sieve Analysis, Bulking of Fine Aggregate, Flakiness Index, Elongation Index and Percentage Elongation
4. Placement Tests on Concrete: Workability Tests: Slump, Compaction,
5. Strength Tests on Concrete: Compression, Flexure, Split & Tensile Test,
6. Effects of Admixture: Accelerator, Retarder, Super Plasticizer,
7. Exercise and verification of Concrete Mix Design,
8. Non-destructive Testing for Concrete

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	SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE PANHALA
	Department of civil engineering
	Laboratory curriculum 2022-23
	B.Tech. ODD SEM
	BTCVL708 Professional Practices Laboratory
1	Term work include detailed study and working of following set of assignments
2	Detailed estimate for a two storied RCC or load bearing wall building
	Preparing detailed estimate for any four of the following:
	a) A small culvert
	b) A stretch of a road about 1 Km. long including earthwork
	c) A reach of canal about 1 Km. long
	d) A percolation tank
	e) A factory shed of steel frame
	f) Water supply scheme
	g) Drainage scheme
3	h) Water Treatment plants.
	Valuation report including valuation certificate for any one of the following:
	a) A building for residential purpose or commercial purpose
	b) A hotel
	c) A theatre
4	d) Any one construction machine.
	Drafting of Detailed specification for any five civil engineering items. This shall include at least one item each
	from Roads, Irrigation works, Water Supply, Sanitation and buildings
	Assignment (1) and (2) shall include Rate Analysis of at least two items.
	BTCVL707 Design Drawing of RC & Steel Structures
	Part A -Design and Drawing of Steel Structures
	Term work shall consist of detailed analytical report for structural design and drawing of any one of the
1	following steel structures. Student may use IS 800 1984 or 2007.
2	Industrial Shed: Roof Truss with Necessary Bracing System, Purlins, Column and Column Bases
	Industrial Shed: With Portal or Gable Frames of Solid or Open Web Sections with Necessary Bracing
3	System, Purlins, Column and Column Bases
	Industrial Shed: Gantry Girder, Columns with Necessary Bracing System, Purlins, Column and
4	Column Bases
	G + 3 Building Structure
	Part B - Design and Drawing of RC Structures
	Term work shall consist of detailed analytical report for structural design and drawing of any one of the
1	following RC structures:
2	G + 2 Building
	Elevated water tank: analysis and design of staging and tank body.

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SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE PANHALA

Department of Civil engineering

Laboratory curriculum 2022-23

S.Y.B.Tech. EVEN SEM

BTCVL407 Building Planning and CAD Lab

Term work shall consist of detailed report of in form of set of drawings mentioned below. In practice sessions, free-hand sketchir book shall be insisted.

1) Imperial size sheets based on actual measurement of existing residential building consisting of plan, elevation, section passing
1 through staircase, Site plan. Area statement & brief specifications.
2 2) Planning & design of a building (Minimum G+1): Full set of drawings for:
1) Municipal Submission drawing as per local statutory body bye-laws such as Town Planning, Municipal Council or Corporatio
3 Authorities.
4 2) Foundation / Center Line Drawing.
3) Furniture layout plan.
1 4) Electrification plan.
2 5) Water supply & drainage plan.
3 6) Project report giving details of Drainage System, Water Supply System, Water Tank, Septic Tank Design of terrace Drainage
4 System.
7) Rain water harvesting systems
3) Setting out of planned building actually on ground using conventional or modern surveying instruments

It is desirable to use drawings produced in this submission for carrying out structural design under BTCVL708 and / orBTCVL80 semesters. If this is implemented, student shall get extra 10% weightage limited to maximum limit.

Course Outcomes: On completion of the course, the students will be able to:

Draw plan, elevation and section of load bearing and framed structures.

Draw plan, elevation and section of public structures.

BTCVL 408 Environmental Engineering Laboratory

Practical Work consists of performance of at least six experiments from the List (A) below:

A **Determination of:**

1) pH and Alkalinity 2) Hardness
3) Chlorides 4) Chlorine demand and residual chlorine
5) Turbidity and optimum dose of alum 6) MPN
7) Sulphates 8) Fluorides and Iron
9) Total Solids, Dissolved Solids & Suspended Solids 10) Sludge Volume Index (SVI)
11) Dissolved Oxygen 12) BOD and COD

B **Site Visit to Water Treatment Plant:**

A report based on the visit to water treatment plant shall be submitted.

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S.Y.B.Tech. EVEN SEM

	BTCVL 409 Hydraulic Engineering Laboratory - II
	Practical Work consists of at least three performances from groups listed below and detailed reporting in form of journal.
	Practical examination shall be based on above.
	Group (A)
1	Calibration of V notch / Rectangular notch.
2	Calibration of Ogee Weir.
3	Study of hydraulic jump
	a) Verification of sequent depths,
	b) Determination of loss in jump.
	c) Study of parameters with respect to Fraud Number: i) Y2/Y1; ii) Length; iii) Energy loss
4	Study of flow below gates – Discharge v/s head relation, Equation of flow, Determination of contraction in fluid in downstream of gate.
5	Velocity distribution in open channel in transverse direction of flow.
	Group (B)
	1) Impact of jet.
	2) Study of Turbines (Demonstration).
	3) Tests on Centrifugal Pump.
	4) Study of Charts for Selection of Pumps
	Use of computer programs such as MS Excel is desirable for post-processing of results.

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SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE PANHALA

Department of civil engineering

Laboratory curriculum 2022-23

B.Tech. EVEN SEM

BTCVL608 SDD of RC Structures Lab

Term work shall consist of detailed analytical report for structural design and drawing of the following RC

1 **G + 2 Building**

2 **Any one of the following**

(The introduction, analysis and design of these topics shall be studied in self-study mode. If required the subject teacher should address the student's queries during tutorials).

1) Retaining wall
2) Elevated water tank: analysis and design of staging and tank body.
3) Staircase of special form such as helicoidal stair
4) Shell roofs
5) Special foundation type such as combined footing, raft, pile foundation

BTCVL609 Transportation Engineering Lab

Practical Work consists of all experiments from (a) and at least six performances among the list (b) below and detailed reporting of journal and Project Reports. Practical examination shall be based on above

A **Tests on Aggregates**

1) Shape Test
2) Specific Gravity and Water Absorption Test
3) Stripping Value Test
4) Soundness Test
5) CBR Test on Soil and Aggregates

B **Test on Bituminous Materials**

1. Penetration Test
2. Softening Point Test
3. Flash and Fire Point Test
4. Ductility Test
5. Viscosity Test
6. Specific Gravity Test
7. Demonstration of Marshall Test
8. Pavement design exercise based on flexible pavement consisting of bituminous concrete.
9. Visit to Road construction site for studying different construction equipment's.

Course Outcomes: On completion of the course, the students will be able to:

Perform tests on various road construction materials.

Perform CBR tests on locals oils to determine subgrade properties needed for road ways

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PLAN OF TERM WORK

CLASS: T.Y. BTech

SUBJECT: TRE - 22-23 Term

Expt. No.	Name	Batch-I		Batch-II		Batch-III		Batch-IV	
		Plan Date	Conducted Date	Plan Date	Conducted Date	Plan Date	Conducted Date	Plan Date	Conducted Date
01	To determine the impact value of a given sample of aggregate	1/3/23	15/3/23	1/3/23	15/3/23	14/03/23	15/3/23		
02	To determine the Abrasion value of aggregate.	8/3/23	24/4/23	8/3/23	24/4/23	21/03/23	27/4/23		
03	To determine the crushing value of aggregates.	15/3/23	5/4/23	15/3/23	5/4/23	11/04/23	4/4/23		

Faculty

H.O.D.

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Faculty

H.O.D.

PLAN OF TERM WORK

CLASS : T.Y. B tech

SUBJECT : TRE

Expt. No.	Name	Batch- I		Batch- II		Batch- III		Batch- IV	
		Plan Date	Conducted Date	Plan Date	Conducted Date	Plan Date	Conducted Date	Plan Date	Conducted Date
04	To determine the grade of bitumen by Penetration Test	5/4/23	29/3/23	5/4/23	29/3/23	18/4/23	29/3/23		
05	To determine ductility of bituminous Material.	12/4/23	10/5/23	12/4/23	10/5/23	25/04/23	9/5/23		
06	To determine the viscosity of bitumen	26/4/23	24/5/23	26/4/23	24/5/23	9/5/23	23/5/23		
07.	To determine the softning point of bitumen.	3/5/23	4/5/23	3/5/23	4/5/23	16/5/23	3/5/23		

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PLAN OF TERM WORK

CLASS : T.Y. BTech

SUBJECT : TRE

Expt. No.	Name	Batch-I Plan Date	Batch-I Conducted Date	Batch-II Plan Date	Batch-II Conducted Date	Batch-III Plan Date	Batch-III Conducted Date	Batch-IV Plan Date	Batch-IV Conducted Date
08]	Determination of flash and fire point of bitumen.	10/5/23	4/5/23	10/5/23	4/5/23	28/5/23	3/5/23		
09]	To determine the flakiness Index & Elongation index of course aggregate.	17/5/23	23/5/23	17/5/23	23/5/23	28/5/23	03/5/23		
10]	To determine the stripping value of aggregates.	24/5/23	31/5/23	24/5/23	4/5/23	28/5/23	31/5/23		

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2.Specimen signed Lab. Journal index and photos of Experiment performing students

HOLY-WOOD ACADEMY's

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA (KOLHAPUR)

Affiliated with Dr. Babasaheb Ambedkar Technological University - [DBATU]

Bachelor of Technology (B.Tech)- First Year

Department of Basic Sciences & Humanities

(HS102L/HS202L) Communication Skills Laboratory Year- 2022-23

Sr. No	Name Of Practical	Performance Date	Submission Date	Page No	Marks	Sign
01	Problems I Face while Communicating	11/4/23	11/4/23	12:16	09/10	
02	Introduction to Phonemic symbols	25/4/23	25/4/23	17:50	10/10	
03	Articulation of sounds in English with proper manner	25/4/23	25/4/23	17:50	08/10	
04	Practice and exercises on articulation of sounds	9/5/23	9/5/23	17:50	10/10	
05	Read Pronunciations/transcriptions from the dictionary	09/5/23	9/5/23	17:50	08/10	
06	Practice and exercises on pronunciations of words	16/5/23	16/5/23	17:50	10/10	
07	Introduction to stress and intonation	23/5/23	23/5/23	17:50	10/10	
08	How to introduce yourself	29/5/23	29/5/23	17:50	10/10	
09	Group Discussion	5/6/23	5/6/23	17:50	09/10	

10	Participating in a Debate	12/6/23	12/6/23	102-110	08/10	
11	Presentation techniques	20/6/23	20/6/23	111-116	08/10	
12	Interview techniques	26/6/23	26/6/23	117-135	08/10	

Subject Teacher

HoD

H.O.D.
Department of
Basic Sciences and Humanities

Holy-wood Academy, Kolhapurs'
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA
Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Dist- Kolhapur.
Pin-416 201 Approved By AICTE- New Delhi Recognized By Govt. of Maharashtra DTE, Affiliated to **DBATU,Lonere** (Raigad)
Website : www.seti.edu.in Email: principal@seti.edu.in/office@seti.edu.in

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Certificate

This is to certify that, it is the bonafide record of practical / assignment work done by Mr./Miss.Shraddha..Satyajit...patil.... Bearing the Roll No....438.....of.....D.....division ..C.S.E.....Branch in the Communication Skills Language Laboratory during the Academic Year ..... under our supervision.

Subject Teacher

H.O.D.
Department of
Basic Sciences and Humanities

Principal

Photos of Lab Experiment performing students

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PANHALA

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Mr./Miss..Thorvat..Madhavi..Dilip...Bearing the Roll No...248.....of.....E&TC..F.Y.B.Tech division B
.....E.&.T.C.....Branch Chemistry Laboratory during the Academic Year ...2019-20..... under our supervision.

Babaji
15/11/19

Subject Teacher
Chemistry

HOD
BS&H

Principal
SETI,Panhala

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Index

Sr. No.	Title	Date		Remark	Sign.
		Performed	Certified		
1	To determine the relative viscosity of given liquid using oswalds viscometer	27/08/19	03/09/19		Babaji 03/9
2	To determine total hardness of the given sample of water by standard EDTA method	03/09/19	03/09/19		Babaji 03/9
3	To determine the chloride contents in the given sample of water (Mohr's method)	17/09/19	17/09/19		Babaji 17/9
4	Determine percentage of free chlorine present in bleaching powder	24/09/19	15/11/2019		Babaji 15/11
5	Determine the acid value of given oil sample.	01/10/19	01/10/19		Babaji 1/10/19
6	Titration	15/10/19	15/10/19		Babaji 15/10
7	Alkanility of water	22/10/19	22/10/19		Babaji 22/10/19
8	Acidinity of water	05/11/19	05/11/19		Babaji 5/11
9	pH meter	05/11/19	15/11/19		Babaji 5/11/19
10	Conductometer	05/11/19	15/11/19		Babaji

Photos of Lab Experiment performing students

HOLY-WOOD ACADEMY'S

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Department of Civil Engineering

Subject: Engineering Physics

Roll No.: 136

Class: F.Y. Civil

Exam Seat No.:

INDEX

Sr. No.	Title	Page no.	Date	Signature	Remark
1	Spring Constant	01	22/11/22		
2	e/m by Thomson method	05	29/11/22		
3	He-Ne laser light	08	13/12/22		
4	IV curve of P-N Junction diode	13	20/12/22		
5	Thickness of thin wire	17	29/12/22		
6	Specific rotation by polarization	20	3/1/23		
7	He-Ne laser by using Newton's ring	22	10/1/23		
8	Trace	24	17/1/23		
9	Resistivity of germanium	29	24/1/23		
10	Band gap energy of germanium Semi-conductor	31	7/2/23		

CERTIFICATE

This is to certify that Mr. / Miss. Samruddhi Prakash Bhopale of Mechanical Class F.Y. B.Tech has completed the Experiments / term work in the subject Eng. Physics in the laboratory of the Sanjeevan Engg. & Tech. Institute, Panhala for academic year 2022 – 2023.

Date:

Staff In-charge

Head of Dept

H.O.D.
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Principal

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Photos of Lab Experiment performing students

3) Industrial training/internship/field training undergone summary year wise

Holywood Academy's
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Department of Electrical Engineering
DBATU SECOND YEAR 2022-23 Industrial Training Data

Roll No.	Candidate Name	Industry Name	Period in days
1	BANGE RUSHIKESH NANDKUMAR	Electrotech ,udyam Nagar	10
2	BIDKAR SANIKA BALASO	Urjankur tatyasaheb kore power Company	17 Hrs
3	GHATAGE PRADHUMNA PRAKASH	Metro Automation ,Nagaon	10
4	KAMBLE ADITYA ARJUN	Athani sugar Mill	10
5	KAMBLE SUJATA PRALHAD	Sharad Sahkari Sakhar Karkhana ltd,	17 Hrs
6	LALE ASHWINI MANGESH	Chatrapati rajaram sahkari sakhar karkhana	10
7	MHETAR SAURABH SARJERAO	D.Y Patil Sahakari Sakhar karkhana LTD.,Gaganbawada	20
8	PATANKAR AKIB SHABBIR	D.Y Patil Sahakari Sakhar karkhana LTD.,Gaganbawada	20
9	PATIL AVINASH MARUTI	United Systems & Controls , Shiroli	10
10	PATIL KARTIK SANJAY	United Systems & Controls , Shiroli	15
11	PATIL PRATIK JOTIRAM	Chatrapati shahusahkari sakhar karkhana	10
12	PATIL RUTUJA RAJU	United Systems & Controls , Shiroli	15
13	PATIL SAURABH SURESH	Krew Instruments ,kalyan	15
14	PATIL YASH LAXMAN	Chartapati Rajaram Sahkari Sugar Ind, Kolhapur	15
15	PRASAD SONAM RAMESH	GKN Fokker Elmo India	30
16	SHETE JYOTI NAMDEV	Udemy	17 Hrs
17	CHAVAN PRITAM SUNIL	Metro Automation ,Nagaon	15
18	KHOPKAR MAYURI HARIBA	Metro Automation ,Nagaon	15
19	BHANDARI SANIKA DILIP	Sharad Sahkari Sakhar Karkhana ltd,	15
20	PATIL OMKAR GOVIND	Metro Automation,kolhapur	15
21	CHOUGULE UDAY SARJERAO	Metro Automation,kolhapur	15
22	KHUDE ADITYA GOVIND	Udemy	17 Hrs
23	AREKAR MADHURI MARUTI	Chatrapati rajaram sahkari sakhar karkhana	15
24	CHARAPALE SATYAJEET SHAMARAO	Yashodanand Engineers	15
25	ADULKAR SHILPA BALU	World of Automation	15
26	CHARAPLE ROHINI PANDURANG	Yashodanand Engineers	15

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DBATU SECOND YEAR 2022-23 Industrial Training Data

Roll No.	Candidate Name	Industry Name	Period in days
28	CHOUGALE RUTURAJ RAMCHANDRA	Chatrapati shahusahkari sakhar karkhana	10
29	CHOUGALE SNEHAL KRUSHNAT	Metro Automation ,Nagaon	10
30	CHOUGULE PRIYANKA BALASO	MSEB , Hupari	10
31	GURNULE BHIMRAJ KRISHNAJI	Metro Automation ,Nagaon	10
32	JADHAV SARANG MAHESH	Udemy	15
33	KAMBLE OMKAR SAMBHAJI	Chatrapati shahusahkari sakhar karkhana	10
34	KOLI VAIBHAV MAHADEV	Udemy	17 Hrs
35	KURADE VITTHAL VILAS	Metro Automation ,Nagaon	15
36	KURANE ABHISHEKH BABAN	Chatrapati shahusahkari sakhar karkhana	30
37	LOKHANDE PRUTHVIRAJ ATUL	Chatrapati shahusahkari sakhar karkhana	20
38	MOMIN ASADDULLA FIROJ	TATA Industries	20
39	MULLANI YUNUS DASTAGIR	Chatrapati rajaram sahkari sakhar karkhana	10
40	NADAF MUSTAQAHMAD IQBAL	Sharad Sahkari Sakhar Karkhana ltd,	15
41	NADAF NUREN MOULAALI	Sharad Sahkari Sakhar Karkhana ltd,	10
42	NAVLAV SANGRAM ANIL	Udemy	17 Hrs
43	PARIT RITESH CHANDRAKANT	Chatrapati rajaram sahkari sakhar karkhana	10
44	PATIL DHIRAJ DINKAR	MSEB Rendal	15
45	PATIL DIPALI SHANKAR	Dalmiya sugar Industry	17 Hrs
46	PATIL DIPALI SHRIPATI	Chatrapati rajaram sahkari sakhar karkhana	15
47	PATIL PRATIKSHA SANDIP	Sharad Sahkari Sakhar Karkhana ltd,	15
48	PATIL SHIVRAJ VIDYANAND	Udemy	17 Hrs
49	PATIL SURAJ KIRAN	MSEB Rendal	15
50	PATIL VAIBHAV VIJAY	Metro Automation ,Nagaon	27
51	PATIL VAISHNAVI SANJAY	World of Automation	10
52	PATIL VISHAL SANJAY	Dalmia Bharat and sugar Industry	15
53	POWAR SUMATI SANJAY	Metro Automation ,Nagaon	10

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DBATU SECOND YEAR 2022-23 Industrial Training Data

Roll No.	Candidate Name	Industry Name	Period in days
54	PUJARI UTTAM TANAJI	Chatrapati rajaram sahkari sakhar karkhana	10
55	SANGAR AKSHADA RAMESH	Metro Automation ,Nagaon	10
56	SATPUTE AKSHAY MADHUKAR	Metro Automation ,Nagaon	10
57	SONULE SOURABH SURAJ	Sharad Sahkari Sakhar Karkhana ltd.	20
58	TRIBHUVAN ASHISH SUDHAKAR	Metro Automation ,Nagaon	15
59	CHOUGALE CHAITANY SANJAY	Udemy	17 Hrs
60	CHOUGULE SAURABH BABASO	Metro Automation ,Nagaon	10
61	KUMBHAR ADINATH JALINDAR	World of Automation	15
62	MAGDUM NIRAJ BABASAHEB	Udemy	10
63	MALAVE KARAN CHANDRAKANT	Udemy	10
64	MANE OMKAR SANJAY	Udemy	10
65	MARALKAR MRUNAL MAHESH	MSEB Rendal	15
66	PATIL ADITYA VIJAY	Metro Automation ,Nagaon	15
67	PATIL NEHA ASHOK	Chatrapati shahusahkari sakhar karkhana	10
68	PATIL TEJAS DIGAMBAR	Dalmia Bharat and sugar Industry	17 Hrs
69	POWAR BHUSHAN SUBHASH	Metro Automation ,Nagaon	10
70	SHINDE SOURABH DHANAJI	Udemy	15

Field Training Incharge
Prof.Kiran Keshyagol

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Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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Sanjeevan Engineering & Technology Institute Panhala
Department of Electrical Engineering
DBATU THIRD YEAR 2022-23 Industrial Training Data

Roll. No	Candidate Name	Industry Name	Period in days
1	AIWALE AJIT ASHOK	Chatrapati shahusahkari sakhar karkhana	18
2	BABAR SUCHITRA CHANDRAKANT	United Systems & Controls , Shiroli	15
3	BAHADURE SUSHANT VIJAY	Krew Instruments ,kalyan	18
4	BHANDARI SUSHANT APPASO	Chartapati Rajaram Sahkari Sugar Ind, Kolhapur	15
5	BHOLE RENU RAHUL	Kumbhi kasari sahakari Sakhar Karkhana ,Kuditre	15
6	BHUYEKAR ADITYA ANIL	Udemy	15
7	CHANDANE NITIN DATTATRAYA	Metro Automation ,Nagaon	15
8	CHOPADE PRATIK NISHIKANT	Krew Instruments ,kalyan	18
9	DALVI DEVRAJ BHARAT	Chartapati Rajaram Sahkari Sugar Ind, Kolhapur	15
10	FALAKE OMKAR VIJAY	Kumbhi kasari sahakari Sakhar Karkhana ,Kuditre	15
11	GAIKAWAD SHAILESH SHARAD	United Systems & Controls , Shiroli	15
12	GAT RAJKUMAR SACHIN	United Systems & Controls , Shiroli	15
13	HARUGADE SHAILESH NANASO	Chatrapati shahusahkari sakhar karkhana	15
14	HERLEKAR RUTVIJ UMESH	United Systems & Controls , Shiroli	14
15	HIREMATH CHINMAY UMESH	Sharad Sahkari Sakhar Karkhana ltd,	30
16	INGOLE PRAFULLCHANDRA D.	Chatrapati rajaram sahkari sakhar karkhana	17 Hrs
17	JADHAV ABHISHEK ARUN	D.Y Patil Sahakari Sakhar karkhana LTD.Tal-gaganbawa	15
18	JADHAV SWATI BANDOPANT	Krew Instruments ,kalyan	15
19	KAMBLE AAKANKSHA ANIL	Chartapati Rajaram Sahkari Sugar Ind, Kolhapur	15
20	KAMBLE PANDURANG ANANDRAO	Kumbhi kasari sahakari Sakhar Karkhana ,Kuditre	15
21	KAMBLE PRANALI LAXMAN	MSEB , Hupari	15
22	KAMBLE PREM DHONDIRAM	Metro Automation ,Nagaon	17 Hrs
23	KAMBLE VAIBHAV PRAVIN	Udemy	15
24	KAPASE OMKAR ASHOK	Chatrapati shahusahkari sakhar karkhana	15
25	KULKARNI NEHA DILIP	Udemy	15
26	KUMBHAR DATTATRAY GANAPATI	Metro Automation ,Nagaon	15
27	MANE ROHIT NANDAKUMAR	Chatrapati shahusahkari sakhar karkhana	15
28	MOLE SHWETA SANJAY	Yashodanand Engineers & Contractors	28
29	MOMIN MUSTAKIM JAFAR	Metro Automation,kolhapur	18
30	MULLA RABIYA SHOUKAT MULLA	Udemy	15
31	MUNDE SUHAS KUBER	Chatrapati rajaram sahkari sakhar karkhana	15
32	NAIK RAKESH RAMCHANDRA	Yashodanand Engineers	15
33	PARIT SANGRAM SANJAY	World of Automation	17 Hrs
34	PATIL KAPIL HARI	Yashodanand Engineers	15
35	PATIL PRACHIT NANDKUMAR	Chatrapati shahusahkari sakhar karkhana	15
36	PATIL RAJVARDHAN RAJARAM	Sharad Sahkari Sakhar Karkhana ltd,	20
37	PATIL SATEJ SHAHAJI	Udemy	20
38	PATIL SHUBHAM SHANKAR	Chatrapati rajaram sahkari sakhar karkhana	15
39	PATIL SUSHANT SANJAY	MSEB Rendal	15
40	PATIL TEJAS KESHAV	Dalmiya sugar Industry	15

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Sanjeevan Engineering & Technology Institute Panhala
Department of Electrical Engineering
DBATU THIRD YEAR 2022-23 Industrial Training Data

Roll. No	Candidate Name	Industry Name	Period in days
41	PATIL VIVEK SHAMRAV	Chatrapati rajaram sahkari sakhar karkhana	17 Hrs
42	PATOLE ABHIJEET SHARAD	Chatrapati shahusahkari sakhar karkhana	15
43	PAWAR SANCHIT PRAKASH	TATA Industries	15
44	PEERJADE MAINODDEN KALANDAR	Chatrapati rajaram sahkari sakhar karkhana	17 Hrs
45	POWALKER TEJAS SUBHASH	Sharad Sahkari Sakhar Karkhana ltd,	15
46	POWAR TEJAS TANAJI	Sharad Sahkari Sakhar Karkhana ltd,	15
47	ROTE YOGESH BHAGAWAN	Udemy	17 Hrs
48	SALOKHE TUSHAR KRUSHNAT	Microtech	15
49	SANKAPAL PRITI DILIP	Shriram Electricals and Motor Rewinding,Kandoor	15
50	SASAWADE PRAJAKTA SANJAY	World of Automation	15
51	SAWANT PRATHAMESH TANAJI	Dalmia Bharat and sugar Industry	18
52	SHETAKE SHREYASH SAMBHAJI	Metro Automation ,Nagaon	18
53	SHINDE ABHAY ASHOK	Udemy	15
54	SHINDE DEEPAK NAMDEV	Metro Automation ,Nagaon	15
55	SONVANE SOMANATH KRISHNADEV	World of Automation	18
56	SURYAVANSHI SHUBHAM JAYVANT	Urjankur Shree Tatyasaheb Kore Warana Power Company Ltd	15
57	SUTAR SHIVAM ARUN	Metro Automation ,Nagaon	15
58	VIBHUTE VAIBHAV CHANDRAKANT	Chatrapati rajaram sahkari sakhar karkhana	17 Hrs
59	YADAV SANDEEP KAILASH	Metro Automation ,Nagaon	15
60	YAMKAR CHANDRAKANT BABU	Metro Automation ,Nagaon	15

Field Training Incharge
Prof. A. M. Bhandari

Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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Department of Electrical Engineering
DBATU THIRD YEAR 2022-23 Industrial Training Data

Roll. No	Candidate Name	Industry Name	Period in days
1	AGA FAIZAL AFTAB	United Systems & Controls , Shiroli	10
2	BASARE ROHIT MARUTI	United Systems & Controls , Shiroli	15
3	BAVANE ANIL DASHARATH	Chatrapati shahusahkari sakhar karkhana	10
4	BHORE POOJA DEEPAK	United Systems & Controls , Shiroli	15
5	BHUNDE PAYAL GOMA	Sharad Sahkari Sakhar Karkhana ltd,	15
6	BOBADE RUTUJA RAMCHANDRA	Chatrapati rajaram sahkari sakhar karkhana	15
7	BODKE HARSHIL BAPU	D.Y Patil Sahakari Sakhar karkhana LTD.Tal-gaganbawada	15
8	CHAND SONALI DASHARATH	Krew Instruments ,kalyan	17 Hrs
9	CHOUGLE UBED YASIN	Chartapati Rajaram Sahkari Sugar Ind, Kolhapur	10
10	DAKARE NIKHIL RAMESH	Kumbhi kasari sahakari Sakhar Karkhana ,Kuditre	15
11	DESAI YUVRAJ YASHAWANT	Chatrapati shahusahkari sakhar karkhana	10
12	DEVLEKAR NADIM MAJID	United Systems & Controls , Shiroli	10
13	DIGEKAR PRAVIN BABAJI	Krew Instruments ,kalyan	10
14	DINDE PRANAVKUMAR TANAJI	Chartapati Rajaram Sahkari Sugar Ind, Kolhapur	10
15	GAWADE OMKAR ASHOK	Kumbhi kasari sahakari Sakhar Karkhana ,Kuditre	30
16	GHEWARI RAVIRAJ NAMDEV	Udemy	17 Hrs
17	GURAV SANDIP LALASO	Metro Automation ,Nagaon	15
18	HAVAL VENKATESH VITTHAL	Krew Instruments ,kalyan	15
19	JADHAV PRATHMESH ANNASO	Chartapati Rajaram Sahkari Sugar Ind, Kolhapur	15
20	JADHAV ROHIT MAHENDRA	Kumbhi kasari sahakari Sakhar Karkhana ,Kuditre	15
21	JADHAV SONALI BABASO	Metro Automation,kolhapur	15
22	JADHAV SOURAV BABANRAO	Udemy	17 Hrs
23	JAGANNAWAR NAGESH HANAMANT	Chatrapati rajaram sahkari sakhar karkhana	15
24	JAGTAP PRUTHVIRAJ SANJAY	Yashodanand Engineers	15
25	JAMADAR NIHAL ISAK	World of Automation	15

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DBATU THIRD YEAR 2022-23 Industrial Training Data

Roll. No	Candidate Name	Industry Name	Period in days
26	JAMBILKAR OMKAR DAGADU	Yashodanand Engineers	15
28	KADAM AARATI SARJERAO	Chatrapati shahusahkari sakhar karkhana	10
29	KAMBLE ABHIJEET EKNATH	Metro Automation ,Nagaon	10
30	KAMBLE PRANAV SUNIL	MSEB , Hupari	10
31	KAMBLE PRATHAMESH DHONDIRAM	Metro Automation ,Nagaon	10
32	KAMBLE SAMRUDDHI VILAS	Udemy	15
33	KAMBLE VAIBHAV VASANT	Chatrapati shahusahkari sakhar karkhana	10
34	KAPURE SURAJ SHIVAJI	Udemy	17 Hrs
35	KURANE PRASHANT BABASO	Metro Automation ,Nagaon	15
36	LATWADEKAR AMIT BALASAHEB	Chatrapati shahusahkari sakhar karkhana	10
37	MANE RITESH ANIL	Chatrapati shahusahkari sakhar karkhana	20
38	MENSAGARE NEHA SANJAY	TATA Industries	20
39	MIRAJE SAKSHI MANOHAR	Chatrapati rajaram sahkari sakhar karkhana	10
40	MITHARI ABHIJEET PANDURANG	Sharad Sahkari Sakhar Karkhana ltd.	15
41	NARUTE OMKAR KRUSHANATH	Sharad Sahkari Sakhar Karkhana ltd,	10
42	NIVADE ROHIT MAHADEV	Udemy	17 Hrs
43	PALSHETKAR SANKET ANIL	Chatrapati rajaram sahkari sakhar karkhana	10
44	PATIL ANIKET YUVRAJ	MSEB Rendal	15
45	PATIL ATHARV SHIVAJI	Dalmiya sugar Industry	17 Hrs
46	PATIL DIGVIJAY CHIMASAHEB	Chatrapati rajaram sahkari sakhar karkhana	15
47	PATIL PRANAV MADAN	Sharad Sahkari Sakhar Karkhana ltd,	15
48	PATIL PRASHANT DILIP	Udemy	17 Hrs
49	PATIL SAIRAJ MARUTI	MSEB Rendal	15
50	PATIL SAMMED SIDGONDA	Shriram Electricals and Motor Rewinding,Kandoor	15
51	PATIL SARDAR APPASO	World of Automation	10

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Sanjeevan Engineering & Technology Institute Panhala
Department of Electrical Engineering
DBATU THIRD YEAR 2022-23 Industrial Training Data

Roll. No	Candidate Name	Industry Name	Period in days
52	PATIL SHARVARI DADASO	Dalmia Bharat and sugar Industry	10
53	PATIL SOURABH BHAGWAN	Metro Automation ,Nagaon	10
54	PATIL SURAJ ASHOK	Chatrapati rajaram sahkari sakhar karkhana	10
55	PATIL VAIBHAVI SATISH	Metro Automation ,Nagaon	10
56	PATIL VISHWAS DILIP	Metro Automation ,Nagaon	10
57	PAWAR SUSHANT DILIP	Sharad Sahkari Sakhar Karkhana ltd,	20
58	PITHADEYA GOPAL PRAMOD	Metro Automation ,Nagaon	15
59	POWAR ATUL VILAS	Udemy	17 Hrs
60	PRABHAVALKAR DEEPSHREE DEEPAK	Metro Automation ,Nagaon	10
61	PUSALKAR SURABHI SANJAY	World of Automation	15
62	SHINDE NEHA JAGANNATH	Udemy	10
63	SHINDE SAMPADA BHASKAR	Udemy	10
64	SUTAR SURAJ NAMDEV	Udemy	10
65	TAMBOLI NIHAL RAJU	MSEB Rendal	15
66	VARAPE URMILA HINDURAO	Metro Automation ,Nagaon	15
67	WAREKAR AKASH SUNIL	Chatrapati shahusahkari sakhar karkhana	10
68	YELOORE PRAJKTA BANDU	Sharad SahakariSakhar KarkhanaLTD	15

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Somwar Peth, Panhala - 416 201

Field Training Incharge
Prof.Y.R.Naik

Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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4. Internship Certificates

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Date:29/09/2022

CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

This is certify that Mr. Gauresh Rajesh Sapale a student of Sanjeevan Engineering & Technology Institute, is successfully completed his 4 week industrial training period form 01/09/2022 to 28/09/2022.

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Ph. No. (02367) 230834, 230934 Email : saspl9999@yahoo.co.in

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9518718195

Pawar Wasti, Kudalwadi, Chikhali, Pune - 14.

Ref. No. .

Date : 18/9/2022

TO WHOME IT MAY CONCERN

This is to certify that **Mr. PRANAV JAGDISH KADAM** a student of B-TECH MECHANICAL ENGINEERING, DBATU UNIVERSITY has successfully undergone industrial training from (21st August 2022 to 18th September 2022) at our respected organization with all his duties and reliable time. During this period of his internship programme with us he was found punctual, hardworking and inquisitive.

We wish him best for his future endeavours.
From, **ACCURATE TOOLS**

Authorized Signature

For Accurate Tools

Proprietor

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CARRIER MIDEA INDIA

Carrier Midea India Private Limited
Plot No A-5, SUPA-PARNER
Industrial Area, Parner, Ahmednagar
Maharashtra 414302 (INDIA)

Date : 05-12-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Rahul Ganapati Powar student of Sanjeevan Engineering & Technology Institute, Panhala perusing his BE-Mechanical, has completed internship at Supa Factory of **Carrier Midea India Pvt Limited** during the duration **21-Aug-22 to 18-Sep-2022.**

During the internship, he demonstrated strong inclination and inquisitiveness towards learning the various aspects related to **Incoming Quality Control.**

Further we found him sincere and hardworking. We wish him all the best for his future endeavours.

For Carrier Midea India Pvt Ltd

Authorised Signatory

Regd Office : 1st Floor, Pearl Tower, Plot No. 81 Institutional Area, Sector 32, Gurgaon, Haryana-122001 Phone : +91-124-6144300 Website
CIN: U74140HR2011FTC044008

• Reg. No. G-282 / 20-6-1960
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(0231) 2444325, 2444326
• Fax No. (0231) 2444220
• Kop. Off (0231) 2641903
• visit us at www.kumbhisugar.com
• E-mail info@kumbhisugar.com

KUMBHI - KASARI

Sahakari Sakhar Karkhana Ltd., Kuditre

Tal. : Karvir. Dist. : Kolhapur - 416204 (Maharashtra)

REF.NO.LWO/24/2022-2023/ 251

DATE: 20/09/2022

CERTIFICATE

This is to certify that Mr. Sanket Sanjay Jadhav, a student of mechanical engineering from Sanjeevan Engineering And Technology Institute , Panhala has completed his "**Industrial Training** " in our factory during the period of **21 August 2022 to 18 September 2022**.

During his training period he found to be sincere and hard working. We wish to him all the success in future and Best of Luck.

This certificate is given by his request.

FOR KUMBHI KASARI S.S.K., LTD., KUDITRE.

MANAGING DIRECTOR

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SGI

SAHYADRI GROUP OF INDUSTRIES

Dr Babasaheb Ambedkar Co-oprative Industrial Estate, Mangaonwadi, Tal-Hatkanangale,
Dist –Kolhapur. 416 109.
Email : sahyadrigi2021@gmail.com
GSTIN : 27APZPY7143Q1ZC.

Date :

TRAINING CERTIFICATE

This is to certificate that **Ms. Samruddhi Babasaheb Konde** a student of Mechanical Engineering from Sanjeevan Engineering and Technology Institute, Panhala has completed her industrial training in our factory during the period of 21st August 2022 to 18th September 2022.

During this period she found to be sincere and hardworking . We wish to her all the success in future and best of luck.

Athorized Signature
SAHYADRI GROUP OF INDUSTRIES,

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Department of Civil Engineering

2.3.1 Experiential Learning

4. specimen certificates of completion of internship/field training.

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|| जय मल्हार||

पाटील कन्स्ट्रक्शन अँड डेव्हलपर

इंजोळे, ता. पन्हाळा जि. कोल्हापूर

दिनांक: 04/07/2022

Certificate of Completion

Of Field Training

This is to certify that Mr. Kaustubh Balchandra Khot with PRN No 2063151191035, Roll No. 24 has successfully completed field training Programming Summer/Winter Vacation during the period 01/06/2022 to 30/06/2022 for partial fulfillment towards completion of Graduation B.Tech in Civil Engineering At Sanjeevan Engineering & Technology Institute, Panhala, Tal. Panhala, Dist. Kolhapur.

In this training he is introducing with on going construction works .We found him sincere, hard working, technically, sound and result oriented. He worked will has a part of team during his tenure We take opportunities to thank him all the best for future.

Signature

Name & Designation Of Incharge

Patil Construction & Developers
Er Omkar Ashok [illegible]
Mob 9146463191

Phone:
91+ 9146463191

E-MAIL:
omkarpatil3191@gmail.com

Dream Homes
Construction
Engineer's & Gov. Contractor
A/P. Kodoli, Tal. Panhala, Dist. Kolhapur, Maharashtra 416114
Er. Omkar K. Randive (Civil Engineer)
9021060706
Er. Rajvardhan S. Patil (Civil Engineer)
8180058039

Ref.

Date-05/07/2022

Certificate of Completion

Of Field Training

This is to certify that **Mr.Swapnil Dhondiram Patil** with PRN No2063161191056, Roll No.44 has successfully completed field training Programming Summer/Winter Vacation during the period 01/06/2022 to 30/06 /2022 for partial fulfillment towards completion of Graduation B.Tech in Civil Engineering At Sanjeevan Engineering & Technology Institute, Panhala, Tal. Panhala, Dist. Kolhapur.

In this training he is introducing with on going construction works .We found him sincere, hard working, technically, sound and result oriented. He worked will has a part of team during his tenure We take opportunities to thank him all the best for future.

Place: Kodoli

Date - 05/07/2022

Signature

Name & designation of Incharge

Er. RAJVARDHAN PATIL
DREAM HOMES CONSTRUCTION
A/p. KODOLI, TAL. PANHALA, DIST KOL
Mob. 8180058039

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Ref: DBSIL/SD/HR – 2023

Date: 15/01/2023

To,
Mrs.Sanika Baloso Bidkar
A/P.Gharapan,
Tal.Panhala,Dist.Kolhapur.
Pin-416229

Sub: 15Days In Plant Training

Ref.: Your request letter dated 1/1/2023 for 15Days In Plant Training

Dear : Mrs.Bidkar

As per your above-mentioned request letter, we would like to inform you that, we are allowing you to take three months In Plant training in our Electrical Department w.e.f. 1/1/2023 to 15/1/2023

During this training period you will follow all Safety norms and follow company discipline

This letter is issued to him on his own request with no any obligation on our part

For Dalmia Bharat Sugar and Industries Limited

Anand Kamoji
Dy.General Manager-HR

Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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Somwar Peth. Panhala - 416 201

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Dalmia Bharat Sugar and Industries Limited
Sugar Unit – Shri Datta, Asurle-Porle
Village- Asurle-Porle, Post- Porle Tarf Thane, Taluka – Panhala, District - Kolhapur- 416229, Maharashtra
(91 231 2664 655 w www.dalmiasugar.com CIN : L26942TN1951PLC000640
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5) Project/mini project titles summary year wise

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SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

DEPARTMENT OF ELECTRICAL ENGINNERING

B.E. ELECTRICAL PROJECT GROUP LIST (AY 2022-23)

Group	R/L	PRN No.	Name of the Student	Project Topic	Guide
PG-1	32	2063151293046	PATIL PRACHIT NANDKUMAR	Solar Car	Prof. Y. R. Naik
	3	2063151293024	BAHADURE SUSHANT VIJAY		
	41	2063151293044	PEERJADE MAINODDEN KALANDAR		
	22	2063151293060	KAPASE OMKAR ASHOK		
	14	2063151293027	INGOLE PRAFULLCHANDRA D.		
	11	2063151293032	HARUGADE SHAILESH NANASO		
	55	2063151293059	VIBHUTE VAIBHAV CHANDRAKANT		
	52	2063151293013	SONVANE SOMANATH KRISHNADEV		
	30	2063151293020	PARIT SANGRAM SANJAY		
	34	2063151293036	PATIL SATEJ SHAHAJI		
PG-2	4	1963151293081	BHOLE RENU RAHUL	Hybrid EV charging station	Prof. N.S. Jadhav
	23	2063151293029	KULKARNI NEHA DILIP		
	27	2063151293040	MULLA RABIYA SHOUKAT MULLA		
	5	2063151293028	BHUYEKAR ADITYA ANIL		
	33	2063151293057	PATIL RAJVARDHAN RAJARAM		
	47	2063151293022	SASAWADE PRAJAKTA SANJAY		
	7	51631520181129310011	DALVI DEVRAJ BHARAT		
	19	1963151293065	KAMBLE PRANALI LAXMAN		
PG-3	31	2063151293045	PATIL KAPIL HARI	Energy Audit at Sanjeevan	Prof. V. T. Metkari
	46	1963151293062	SANKAPAL PRITI DILIP		
	13	2063151293016	HIREMATH CHINMAY UMESH		
	15	2063151293015	JADHAV ABHISHEK ARUN		
	39	2063151293033	PATOLE ABHIJEET SHARAD		
	16	2063151293054	JADHAV SWATI BANDOPANT		
	25	1963151293023	MOLE SHWETA SANJAY		
PG-4	48	2063151293035	SAWANT PRATHAMESH TANAJI	Power generation through vehical suspension and regenerative bracking system in EV	Prof. V. T. Metkari
	43	2063151293042	POWAR TEJAS TANAJI		
	28	1963151293063	MUNDE SUHAS KUBER		
	9	2063151293014	GAIKAWAD SHAILESH SHARAD		
	8	1963151293022	FALAKE OMKAR VIJAY		

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PG-5	18	2063151293047	KAMBLE PANDURANG ANANDRAO	Energy Meter Testing 1phase amd 3 phase using PID controller	Prof. V. T. Metkari
	35	2063151293017	PATIL SHUBHAM SHANKAR		
	24	2063151293026	KUMBHAR DATTATRAY GANAPATI		
	38	2063151293053	PATIL VIVEK SHAMRAV		
PG-6	40	1963151293019	PAWAR SANCHIT PRAKASH	Wind and Solar Hybrid power generation at Sanjeevan	Prof. A. M. Bhandare
	54	1963151293018	SUTAR SHIVAM ARUN		
	21	1963151293021	KAMBLE VAIBHAV PRAVIN		
	56	1963151293020	YADAV SANDEEP KAILASH		
	44	1963151293064	ROTE YOGESH BHAGAWAN		
	45	1963151293069	SALOKHE TUSHAR KRUSHNAT		
PG-7	20	2063151293050	KAMBLE PREM DHONDIRAM	EV Bicycle (Condition IEEE paper publication Must)	Prof. A. M. Bhandare
	29	2063151293052	NAIK RAKESH RAMCHANDRA		
	42	2063151293039	POWALKER TEJAS SUBHASH		
	53	2063151293051	SURYAVANSHI SHUBHAM JAYVANT		
	17	2063151293041	KAMBLE AAKANKSHA ANIL		
	1	2063151293038	BABAR SUCHITRA CHANDRAKANT		
PG-8	2	2063151293019	BHANDARI SUSHANT APPASO	Solar Panel Testing Kit	Prof. Y. R. Naik
	6	2063151293023	CHOPADE PRATIK NISHIKANT		
	50	2063151293034	SHINDE ABHAY ASHOK		
	37	2063151293021	PATIL TEJAS KESHAV		
	36	2063151293031	PATIL SUSHANT SANJAY		
PG-9	10	2063151293048	GAT RAJKUMAR SACHIN	High speed bud cutter machine	Prof. N.S. Jadhav
	51	2063151293018	SHINDE DEEPAK NAMDEV		
PG-10	12	2063151293058	HERLEKAR RUTVIJ UMESH	Monitoring Transmission line parameter by using IOT	Prof. A. M. Bhandare
	49	2063151293025	SHETAKE SHREYASH SAMBHAJI		
	26	2063151293012	MOMIN MUSTAKIM JAFAR		

Project Cordinator
Mr. A. M. Bhandare

HOD
Dr. D. S. Bhosale

Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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DEPARTMENT OF ELECTRICAL ENGINEERING

B.E. ELECTRICAL PP-I (AY 2021-22)

Group No.	Roll No.	Name of the Students	Tentative Project Title	Name of Guide
PG-1	2	Lohar Neeraj Alias Kartik Shrirang	Mini Portable CNC Machine	Mr. P. P. Kulkarni
	8	Maner Mohamadali Aslam		
	18	Gurav Amruta Vijay		
PG-2	1	Patil Vishwajeet Jalindar	Solar System AC Power generation without Inverter	Mr. N. S. Jadhav
	13	Ghatage Abhijit Vijay		
	51	Gurav Vasudha Vijaykumar		
	63	Bhalkar Vaishnavi Vijay		
	68	Valake Bhakti Sambhaji		
PG-3	12	Kumbhar Abhijeet Balaso	Digital Smart Pen	Mr. Y. R. Naik & Mr. A. P. Redekar
	15	Mane Abhishek Bhaskar		
	29	Desai Mayuresh Mohan		
	38	Aswale Akshay Vilas		
	44	Shigavakar Aditya Sudhir		
PG-4	7	Dange Pradeep Sarjerao	Solar-wind Hybrid System	Mr. Y. R. Naik
	11	Bhosale Aditya Yuvraj		
	19	Kadam Pradip Laxman		
	56	Gavali Kunal Balvant		
	60	Narke Shubham Dhanaji		
PG-5	3	Gavali Vaishnavi Sanjay	Smart Water Pumping System	Mr. V. T. Metkari
	16	Nikam Neha Sanjay		
	17	Pawar Rutuja Appaso		
	14	Patil Sushant Tanaji		

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Group No.	Roll No.	Name of the Students	Tentative Project Title	Name of Guide
PG-6	46	Mali Shivraj Pandit	Reverse Rotation recovery of Induction Motor	Mr. P. B. Gurav
	48	Mane Shubham Pushpraj		
	61	Dand Niral Vijaykumar		
PG-7	4	Patil Sneha Suresh	Smart Blind Stick	Mr. N. S. Jadhav
	6	Mullani Najim Aslam		
	10	Patil Pratik Sardar		
	22	Patil Uday Dilip		
	23	Bhosale Sangram Prakash		
PG-8	30	Wale Omkar Rajkumar	IOT Based Smart Food Dryer	Mr. P. P. Kulkarni
	35	Koli Rohit Anil		
	49	Patil Rushikesh Deepak		
PG-9	5	Kamble Gaurav Anil	Single Phase to Three Phase Converter	Mr. A. M. Bhandare
	9	Patil Tushar Ramchandra		
	24	Powar Raj Sarjerao		
	36	Patil Digvijay Vilas		
	66	Nalavade Rushikesh Uttam		
PG-10	32	Parab Hemant Laxman	Charging Station	Mr. P. B. Gurav
	33	Desai Piyusha Viragonda		
	40	Sabhasad Aniket Ravindra		
	55	Kadam Ajay Namdev		
	43	Patil Omkar Deepak		
	21	Jambhale Aniket Krishnat		
	57	Kumbhar Atul Shahaji		

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Group No.	Roll No.	Name of the Students	Tentative Project Title	Name of Guide
PG-11	20	Gurav Sourabh Eknath	Multilevel Inverter	Mr. Y. R. Naik
	34	Suryawanshi Alankar Bhimrao		
	41	Mane Rohidas Mahadev		
	58	Naik Adrush Mohan		
	59	Dorugade Akshay Ravindra		
PG-12	26	Pavane Sneha Balkrishna	Solar Panel Cleaner	Mr. P. B. Gurav & Mr. A. P. Redekar
	27	Kamble Priya Govind		
	37	Sutar Pranil Sanjay		
	65	Salvi Amruta Bharatrao		
	67	Hugar Rithika Chandrakant		
PG-13	25	Khilare Mayuri Dadaso	Transmission Line Parameter Monitoring System	Mr. A. M. Bhandare
	39	Kamble Akashata Arun		
	42	Kamble Pranali Kashinath		
	64	Powalkar Sakshi Mohan		
PG-14	54	Patekar Akash Sadashiv	Battery Management System	Mr. V. T. Metkari
	50	Kamble Manjunath Murlidhar		
	52	Jadhav Dinesh Digambar		
	62	Khot Siddhant Maruti		
	31	Patil Prajval Sanjay		

PROJECT COORDINATOR
Mr. N. S. JADHAV

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DEPARTMENT OF ELECTRICAL ENGINEERING
B.E. ELECTRICAL PROJECT GROUPS LIST (AY 2020-21)

Group No.	Roll No.	Name of the Students	Project Title	Name of Guide
PG-1		JOSHI PRANAV LAXMAN	SMART CLASSROOM	Y. R.NAIK
		PATIL DIGAMBAR PANDURANG		
		REMANE SIDDHARTH MAHESH		
		SUTAR RADHIKA AJIT		
PG-2		BHUTKAR OMKAR SANJAY	SMART NOTICE BOARD	P. P. KULKARNI
		KHOT VIPUL VIJAY		
		PATIL BHAGYASHRI ARUN		
		SHINGARE SNEHAL SATISH		
PG-3		PATIL SNEHAL SUNIL	GSM BASED AUTOMATIC ENERGY METER READING AND INSTANT BILLING	A. A. TORASKAR
		POWAR VISHAL BHIMRAO		
		SUTAR ASHUTOSH RAMCHANDRA		
PG-4		BARGIR NISHAD SIKANDAR	AUTOMATIC PESTICIDE SPRAYING MACHINE	V. T. METKARI
		VADGAONKAR AMAN SANJAY		
		KAMBLE KISHOR MACHINDRA		
		PATIL AMOL RAVINDRA		
PG-5		BIRAJE ABHISHEK SANJAY	CURD MAKING MACHINE	N. S. JADHAV
		PATIL SHRIDHAR SAMBHAJI		
		PATIL YOGESH YASHWANT		
		VASAGADEKAR JAYDEV NITIN		
PG-6		DATTU RANJEETSINGH BAJARANG	3 PHASE FAULT ANALYSIS SYSTEM WITH AUTO RESET	Y. R.NAIK
		KUMBHAR SHREESHAILY		
		PATIL PRANAV PANDURANG		
		PATIL PRATIK LUXIMAN		
PG-7		BHOPALE SHRINATH MADHUKAR	MULTY PURPOSE SANITIZING MACHINE	N. S. JADHAV
		MULLA ARIFMAHAMAD RAJUALI		
		MANE PRIYANKA SUBHASH		
		MALI RUTUJA RAJENDRA		
		MOLE SUMIT SHRIKANT		
PG-8		BATTE ANURAG ABHIJEET	SUPERFAST CHARGING OF ELECTRIC VEHICLE	A. P. REDEKAR
		BHOITE SOURABH ANANDA		
		KUMBHAR PRADIP BAJIRAO		
		MORE KETAN NITIN		
		SHINDE AKASH SANJAY		
PG-9		BANDAL RUTURAJ RAJENDRA	GRID CONNECTED WIND - PV HYBRID SYSTEM	A. A. TORASKAR
		KAMBLE PRAGATI ANIL		
		MITAKE SNEHAL NAMDEO		
		SATHE JAYADIP JAYASING		

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PG-10		KHOT SNEHAL VIJAYKUMAR	EYEBALL CONTROLLED AUTOMATIC WHEEL CHAIR FOR PARALYSED PERSONS	A. M. BHANDARE
		DESAI NIKITA SURESH		
		MEDHE PRANITA BHIVAJI		
		MISAL SONALI DHANANJAY		
		PATIL AKASH ASHOK		

PG-11		KAMBLE SATISH NARSING	SMARAT DRYER	P. P. KULKARNI
		KATKAR TUSHAR CHANDRAKANT		
		KAMBLE KRUSHNAT AVINASH		
		KAMBLE MAHENDRA GANPATI		
		KUDALKAR PARIKSHIT HARI		

PG-12		GAWADE SHUBHAM BABASAHEB	HELIOSTAT MODEL FOR SMALL SCALE INDUSTRIES	N. S. JADHAV
		KAMBLE VAISHNAV SHRIKANT		
		PATIL AKSHAY TANAJI		
		PATIL OMKAR BAJIRAO		
		SANKPAL AKASH PPRAKASH		

PG-13		GAIKWAD ASHUTOSH ARVIND	AUTOMATED CHICKEN BROODING MACHINE	A. M. BHANDARE
		GAIKWAD VISHWAJIT AJIT		
		GAVALI OMKAR UDAY		
		MUJAWAR ARBAZ RAJMOHAMMAD		
		SAVAGAVE SHRAVAN SATISH		

PG-14		FERNANDES GAVIN BENJAMIN	E - BIKE (AUTO CHARGING)	A. P. REDEKAR
		STEBIN VARGHESE		
		VALUNJ RAMESH KRISHNAT		
		CHAFODIKAR CHAITRALI DHANANJAY		
		JOSHI VEDANT VISHWANATH		

PG-15		KHONDRE SHUBHAM MAHADEV	AUTOMATED GOLD SPHERE DRILLING MACHINE	A. A. TORASKAR
		MALI VIPUL VIJAY		
		POKARNEKAR ADITYA PRAKASH		

PG-16		BEDAGE RUSHIRAJ SHIVAJI	THUNDER BIKE	Y. R.NAIK
		GAIKWAD MRUNALINEE GAJANAN		
		PARIT RUTUJA BABASO		
		SURYAWANSHI SANYOGITA S.		
		SALOKHE VINAYRAJ BHARAT		
		SHITOLE AMIT KRISHNAT		

PG-17		BASARKATTI SOURABH DINKAR	ELECTRICAL CULTIVATOR & CUTTER	V. T. METKARI
		BATE VIVEK RAMDAS		
		BHOITE CHANDRADIP BHIMRAO		
		PATIL SANGRAM SAMBHAJI		
		PATIL SURAJ BHARAMU		

PG-18		BEDEKAR SUMIT PRAVIN	SMART METER CALIBRATION & TESTING UNIT	P. P. KULKARNI
		ASWALE AISHWARYA VILAS		
		JADHAV SHUBHAM UTTAM		
		PATIL SANGRAM VILAS		
		JOSHILKAR RUSHIKESH RAJARAM		

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PG-19		KAMBLE AMIT MARUTI	ENERGY AUDIT OF SAND EXTRACTION UNIT	P. B. GURAV
		KHADE PRANOTI PRAKASH		
		MASKE KARTIKA SURESH		
		SHINDE RAHUL BIRUDEO		
		MASKE YOGESH D.		
PG-20		GADAGE SONALI SHRIKANT	HOT LINE MAINTENANCE ROBOT BY USING HAPTIC SYSTEM	P. B. GURAV
		KAGALE NEHA CHANDRAKANT		
		PATIL ABHISHEK BABURAO		
		PATIL ROSHANI MAHADEV		
		TODKAR ABHIJEET BAJIRAO		
PG-21		PRABHAVALE POOJA ANAND	TRAFFIC SIGNAL MODIFICATION FOR AN EMERGENCY VEHICLES	A. P. REDEKAR
		PRABHAVALE PRIYANKA ANAND		
		PATIL RAMESH DHONDIRAM		
		KHOT SANKET BABASO		
		TAMHANKAR SUKRUT MILIND		
PG-22		BACHANKAR NILESH SADASHIV	SURFACE CLEANING DISINFECTION MACHINE	A. M. BHANDARE
		KHOND UMESH PRAKASH		
		KHOT DHIRAJ BABASO		
		PATIL SHUBHAM BHUPAL		
		ROTE ROSHAN GANPATI		
PG-23		BICHKAR SHUBHAM RAJENDRA	HOME AUTOMATION BY BRAIN WAVE DETECTOR	P. B. GURAV
		DEVALKAR DHAIRYSHEEL HINDURAO		
		KHOT KASHINATH RAGHUNATH		
		PATIL SANDIP MARUTI		
		POWAR YASH JITENDRA		
PG-24		CHOUGULE SUSMITA MANOHAR	SMART CHICKEN EGG INCUBATOR	V. T. METKARI
		GAIKWAD POOJA SUNIL		
		KAMBLE SHWETA SANJAY		
		DESAI VIRASHREE BHARAT		

PROJECT COORDINATOR
Mr. A. P. REDEKAR
Mr. N. S. JADHAV

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DEPARTMENT OF ELECTRICAL ENGINNERING
B.E. ELECTRICAL PROJECT GROUP LIST (AY 2019-20)

Date-:

Group	R/L	Name of the Student	Group	Project Topic	Guide
PG-1	1	PATRE NILESH ANANDA	PG-1	IoT based transformer monitoring	Mr. Y. R. Naik
	2	PALUNDKAR RAHUL RAMADAS			
	3	POWAR ROSHAN SARDAR			
	4	TELI DNYANESHWAR BHIKAJI			
	5	TONAPE ROSHAN BHIMRAO			
PG-2	6	KAMBLE SIDDHARTH RANGRAO	PG-2	GSM based substation monitoring with earthing analysis	Mr. N. S. Jadhav
	7	MANTUR GOURI MEMLIKARJUN			
	8	PATIL RAJVARDHAN BALASO			
PG-3	53	TARAKATE MAYURI MARUTI	PG-3	IoT based solar panel monitoring & controlling	Miss. D. M. Kennagi
	10	MELEKARI PRADNYA PRAKASH			
	11	POWALKAR UTKARSHA BAJASO			
PG-4	12	GAIKWAD DARSHAN ARAVIND	PG-4	Multifunctional Induction Machine	Mr. P. P. Kulkarni
	13	GAWADE NITIN KRISHNA			
	14	JADHAV AKSHAY SAMBHAJI			
	15	NAIK VAIJANATH BHAGAVAN			
	56	DESAI CHETAN			
PG-5	16	DESAI DHIRAJ SHAHAJI	PG-5	Reduction of current & voltage harmonics by using filter in SETI,Panhala	Mr. P. B. Gurav
	17	DESAI MANASI RAJENDRA			
	18	JADHAV AVDHUT JAGANNATH			
	19	GAT SOURABH RAJU			
	20	DATRATE MAYUR DILIP			
PG-6	21	ABHIRE SUNIL ASHOK	PG-6	Design of ultracapacitor array and use to increasing efficiency of battery	Mr. V. T. Metkari
	22	DESAI SHUBHAM SANJAY			
	23	KAMBLE PRANAV SURESH			
	24	METAL REVATI RAVINDRA			
PG-7	25	AREKAR MAYURI MARUTI	PG-7	Space vector modulation for three phase VSI	Mrs. S. P. Kulkarni
	26	GHATAGE PRANJALI DINESH			
	27	MOHITE DIVYANI CHHIMRAO			
	28	PATIL SUPRIYA HANMANT			
	57	PATIL PRIYANKA DATTATRAY			
PG-8	29	BHOSALE PAYAL BAJIRAO	PG-8	Speed control of induction motor using cycloconverter	Mr. P. P. Kulkarni
	30	KADAM RUSHIKESH MOHAN			
	31	MARATHE OMKAR JAYANT			
	32	PATIL SUSHANT SHAMRAO			
	33	PATIL TEJASH MAHENDRA			
PG-9	34	CHAVAN NIHAR NITIN	PG-9	Z-Source DC circuit breaker	Mr. A. A. Lotaskar
	35	PARIT VISHAL MARUTI			
	36	SALUNKHE VAIBHAV NAGNATH			
	37	SUTAR AKSHAY DHANAJI			
PG-10	38	AWATE AVINASH MARUTI	PG-10	Solar Based weather station	Mr. A. M. Bhandare
	39	JADHAV AKSHAY RAJENDRA			
	40	KALSANNAVAR OMKAR K.			
	41	SAJANE VISHWAJIT MARUTI			
	42	SHINDE SHUBHAM SUNIL			
PG-11	43	DAVARI VINAYAK R.	PG-11	Battery Efficiency Technology	Mr. A. M. Bhandare
	44	DESHMUKH GAURAV MANSING			
	45	MAGDUM SHRINIVAS SHIVAJI			
	46	SUTAR OMKAR GANESH			
PG-12	47	JADHAV SANKET TUKARAM	PG-12	Water management and theft detection system	Mr. N. S. Jadhav
	48	TIWARI KRISHNA ANANDKISHOR			
PG-13	49	HUGADE VAIBHAV BALASAHEB	PG-13	IoT based power leakage & Tracking	Mr. P. B. Gurav
	52	BUVA VISHAL KRISHNAT			
	51	TAMBHALE SHUBHAM OMPRAKASH			
	50	WADAR DASHARATH BALE			
PG-14	54	BANDIVE PRATHAMESH SHAHU	PG-14	Current Injection Kit	Mr. Y. R. Naik
	55	WAGHE SURAJ BALASAHEB			

PROJECT COORDINATOR
Mr. A. M. BHANDARE

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DEPARTMENT OF ELECTRICAL ENGINEERING
Project List B.E. 2018-19
CATEGORISATION OF PROJECTS

Total Project List

Roll No.	Name of Students	Project Group No.	TITLE OF PROJECT	Guide Name
5	AYARE SHUBHAM SUNIL	PG - 1	Monitoring of industrial Parameters (Solid waste, Gas waste, Liquid waste)	Miss. P.P. Shendage
23	KADAM POOJA KESHAV			
32	MALAGE SURAJ RANGRAO			
42	PATIL KOMAL BALASO			
P9	YADAV AVINASH	PG - 2	Pitch angle control of wind mill by PID controller	Mr. D. R. Shelar
6	BASUGADE SUSHANT UTTAM			
15	GAWADE NITIN KRISHNA			
P2	DESAI ABHISHEK D			
31	LAD KAUSTUBH PRADIP	PG - 3	Fault detection for 230 V / 440 V distribution line	Mrs. S. P. Kulkarni
24	KALE VEDIKA BABAN			
43	PATIL SNEHAL VILAS			
35	NIDLE SNEHAL ANANDA	PG - 4	Under ground fault detector	Ms. P. G. Bendre
1	NAIK VAINATEEB MAGAVAN			
11	DESAI ASHWINI MARUTI			
14	GAVALI ARUN GANAPATI			
P6	PATIL SHUBHAM RAJENDRA	PG - 5	Modification in EHV Bike	Mr. Y. R. Naik
P8	POTDAR MOHAN SURYANG			
37	NIGADE ATUL RANGRAO			
41	PATIL GAURAV VISHNU			
48	SHINDE MADHAVI VANJAY			
3	APATE ADITI ASHOK			
8	CHAVAN GANESH SUBHASH	PG - 6	Load equilisation in transformer	Mr. A. M. Bhondave
12	DIVEKAR MADHURA NIVRUTTI			
13	GANDHI SHWETA VISHWANATH			
53	TOPANNAVAR KARTIK SHAVEER			
34	MULLA KARISHMA HAFIZ	PG - 7	Seven level inverter with solar system	Mr. P. P. Kulkarni
35	NAGTILAK MAHESH RAMAKANT			
38	NIGAM PRAVIN VASANT			
52	TIPUGADE SAYALI DATTATRAY			
49	SHINDE MAHESH VILAS	PG - 8	Improving an efficiency of solar panel using automatic cleaning system	Mr. P. P. Kulkarni
20	JADHAV AMAR VITTHAL			
22	KADAM AVINASH CHANDRAKANT			
46	PAWAR ASHISH SURESH			
36	NALAWADE VINAYAK VILAS	PG - 9	Parallel operation of synchronization of alternator	Mr. P. B. Garas
P4	PATIL AKSHAY RAJENDRA			
P5	PATIL PRATIKRAJ			
P7	PATIL SWAPNIL			
P3	ELTANE AVINASH	PG - 10	Community radio station & internet radio	Mr. V. T. Metkari / Miss. P. P. Shendage(Co-guide)
30	KAWALE KUNAL VIJAY			
P10	AVATADE SURAJ NARAYAN			
39	PARKAR MACHHINDRANATH MARUTI	PG - 11	Smart solar grass cutter	Mr. N. S. Jadhav
2	ANGAI UTSAV SARJERAO			
17	GHODAKE AKASH SAMPATAN			
54	VARAPE ROHIT GOVIND			
25	KAMBLE AKIL ASHOK	PG - 12	Improving power quality by using series compensator	Mr. P. B. Garas
18	HAVALDAR KAUTUK ASHOK			
21	JADHAV RAHUL RAGHUNATH			
26	KAMBLE POONAM SHASHIKANT			
29	KANASE DATTATRAYA CHANDRAKANT	PG - 13	An adaptive voltage sensor based MPPT with SEPIC converter	Mr. N. S. Jadhav
7	BHALEKAR SONALI SABURAO			
40	PATIL AKASH RAGHUNATH			
45	POWAR AKSHAY RAJAKAM			
P1	[illegible] VIPUL SURYAKANT	PG - 14	Electric energy audit of Sanjeevan campus	Mr. D. R. Shelar
P2	[illegible] PIYUSH DATTATRAY			

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Sanjeevan Knowledge City, Somwar Peth, Panhala, Kolhapur – 416201

Department of Computer Science and Engineering

CERTIFICATE

This is to certify that Project entitled **"An Automatic MCQ & Summary Generation Using NLP"** is a bonafide Project work carried out by:

SR. NO.	STUDENT NAME	Roll No.	PRN
1	Harshada Jaysing Patil.	20	2063151242037
2	Mitali Krushnath Dalave.	21	2063151242042
3	Aarti Sunil Gaikwad	22	2063151242026
4	Sneha Mohan Surywanshi.	23	2063151242031

in partial fulfillment of the requirements for the award of **Bachelor of Technology (B. Tech) in Computer Science and Engineering** by **Dr. Babasaheb Ambedkar Technological University, Lonere** for the academic year 2022-23. It is certified that all the corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project prescribed for the said Degree.

Guide	HOD	Principal
Prof. P. D. Patil	Prof. R. S. Nejkar	Dr. S. N. Jain

External Viva

Name of the Examiners:

1. Ritesh Shukla
2.

Signature with Date

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SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that Project entitled **"Spark Women: A Women Safety System"** is a bonafied Project work carried out by

Sr. No	Student Name	PRN
1	Aniket Maruti Lad	2063151242021
2	Nikhil Sambhaji Salvi	2063151242020
3	Prashant Sanjay Lad	1963151242024
4	Aniket Maruti Chavan	1963151242017
5	Pawan Sanjay Hardhar	2063151242018

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Guide	HOD	Principal
Dr. Suhas G. Sapate	Prof. R. S. Nejkar	Dr. S. N. Jain

External Viva

Name of Examiners	Signature with Date
1. Ritesh Shukla	
2.	

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Sanjeevan Knowledge City, Somwar Peth, Panhala, Kolhapur – 416201

Department of Computer Science and Engineering

CERTIFICATE

This is to certify that Project entitled *"Secure File Storage and Transfer On Cloud"* is a bonafied Project work carried out by:

SR. NO	STUDENT NAME	PRN
1	Pratik Vidyadhar Shinde	1963151242020
2	Shivam Santosh Rajmane	1963151242028
3	Suyog Sanjay Khutale	2063151242032
4	Viraj Dinkar Patil	2063151242035
5	Shubham Giridhar Rayker	2063151242005

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Guide	HOD	Principal
Prof. S.A. Babar	Prof. R. S. Nejkar	Dr. S. N. Jain

External Viva

Name of the Examiners:

1. Vivek M. Patil
2.

Signature with Date

24/06/2023

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Certificate

This is to certify that the following student of S.Y.B. Tech [Computer Science & Engineering], Sanjeevan Engineering & Technology Institute have completed their Seminar Report on the subject "**Wireless Sensor Networks**" within the premises of Institute as per the guidelines laid down by DBATU, Lonere to our satisfaction during the year 2022-2023.

Miss. Sayali Nitin Sangar(76)

Date: 15/ 2 / 2023.
Place: SETI, Panhala

(Prof.P.D.Patil)
Supervisor

Prof.R.S.Nejkar
Head of Department

SIGNATURE OF EXAMINER

Dr.S.N.Jain
Principal

Certificate

This is to certify that the following student of S.Y.B. Tech [Computer Science & Engineering], Sanjeevan Engineering & Technology Institute have completed their Seminar Report on the subject **"DEVELOPMENT OF INTERNET"** within the premises of Institute as per the guidelines laid down by DBATU, Lonere to our satisfaction during the year 2022-2023.

Miss. Joaquina Gabriel lobo (27)

Date: 15/02/2023

Place: SETI, Panhala

Prof.S.S.Kumbhar
Supervisor

Asst. Prof.R.S.Nejkar
Head of Department

SIGNATURE OF EXAMINER

Dr. S.N.Jain
Principal

Holy-wood Academy, Kolhapur.

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE.

Department of Computer Science and Engineering

Certificate

This is to certify that the Project entitled **" Tour company Website"** is a bonafied Seminar-II work carried out by:

Name of Student	PRN
Aniket Suresh turke	**2163151242009**

in partial fulfillment of the requirements for the award of ***Bachelor of Technology (B. Tech)in Computer Science and Engineering*** by **Dr. Babasaheb Ambedkar Technological University, Lonere** for the academic year 2022-23. It is certified that all the corrections / suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of **Seminar-II** *work* prescribed for the said Degree.

Guide	HOD	Principal
Prof. P.D.Patil	Prof.R.S.Nejkar	Dr. S.N.Jain

External Viva

	Name of the Examiner:	Signature with Date
1	Prof. V.S. Pawar	

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Holy-wood Academy, Kolhapur.

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Department of Computer Science and Engineering

Certificate

This is to certify that the Project entitled **"E-Commerce Website"** is a bonafied Seminar-II work carried out by:

Name of Student	**PRN**
Maithili Anupkumar Parit	**2263151242510**

in partial fulfillment of the requirements for the award of ***Bachelor of Technology (B. Tech)in Computer Science and Engineering*** by **Dr. Babasaheb Ambedkar Technological University, Lonere** for the academic year 2022-23. It is certified that all the corrections / suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of **Seminar-II** *work* prescribed for the said Degree.

Guide	**HOD**	**Principal**
Prof. P.D.Patil	**Prof.R.S.Nejkar**	**Dr.S.N.Jain**

External Viva

Name of the Examiner:	**Signature with Date**
1. S.A. Babar	28.06.23

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Experimental Learning

7. Photos of project Presentation and seminar presentation

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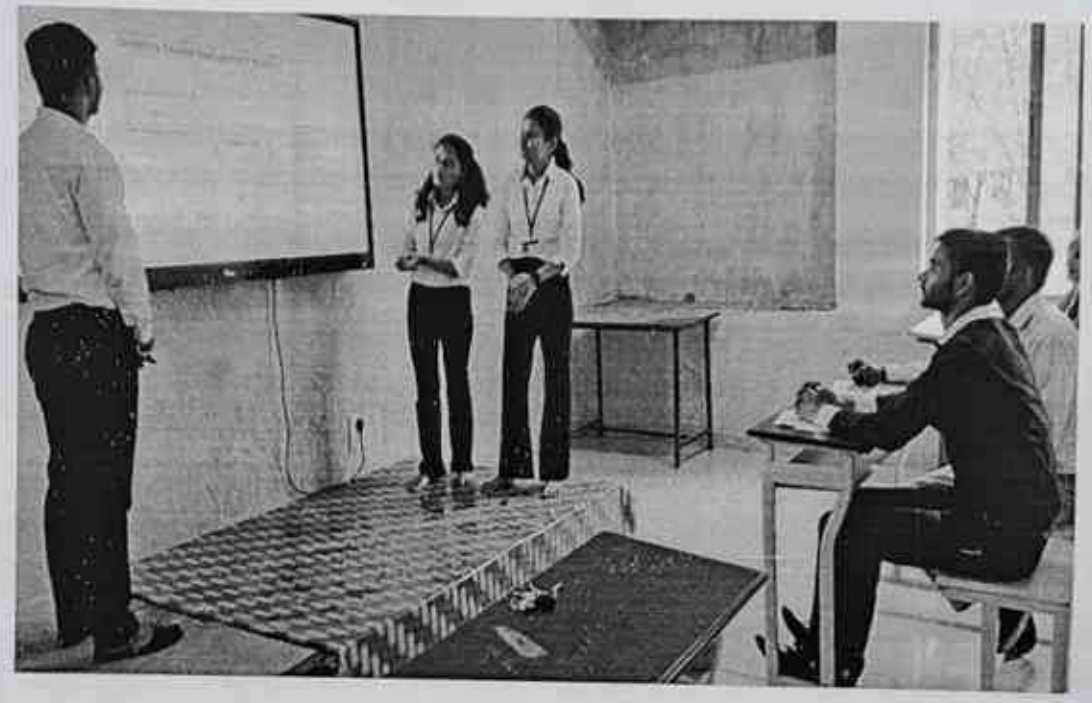
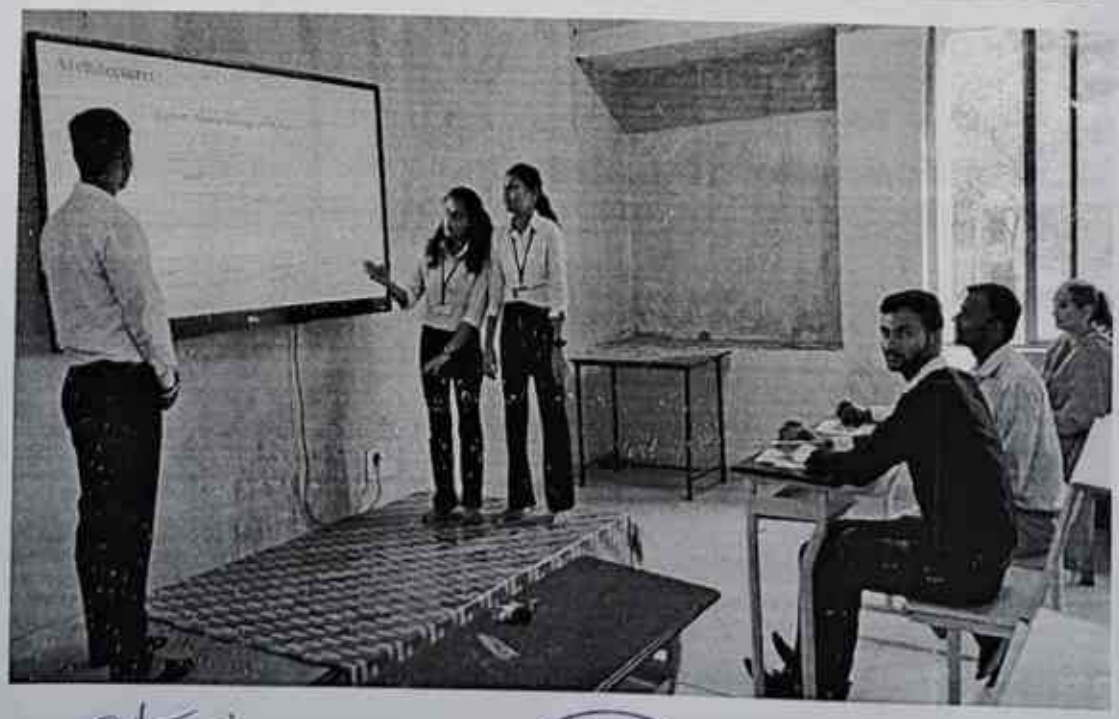
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year 2022-2023

Project Presentation





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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year 2022-2023

Project Presentation

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7. Photos of Project Presentation Photos

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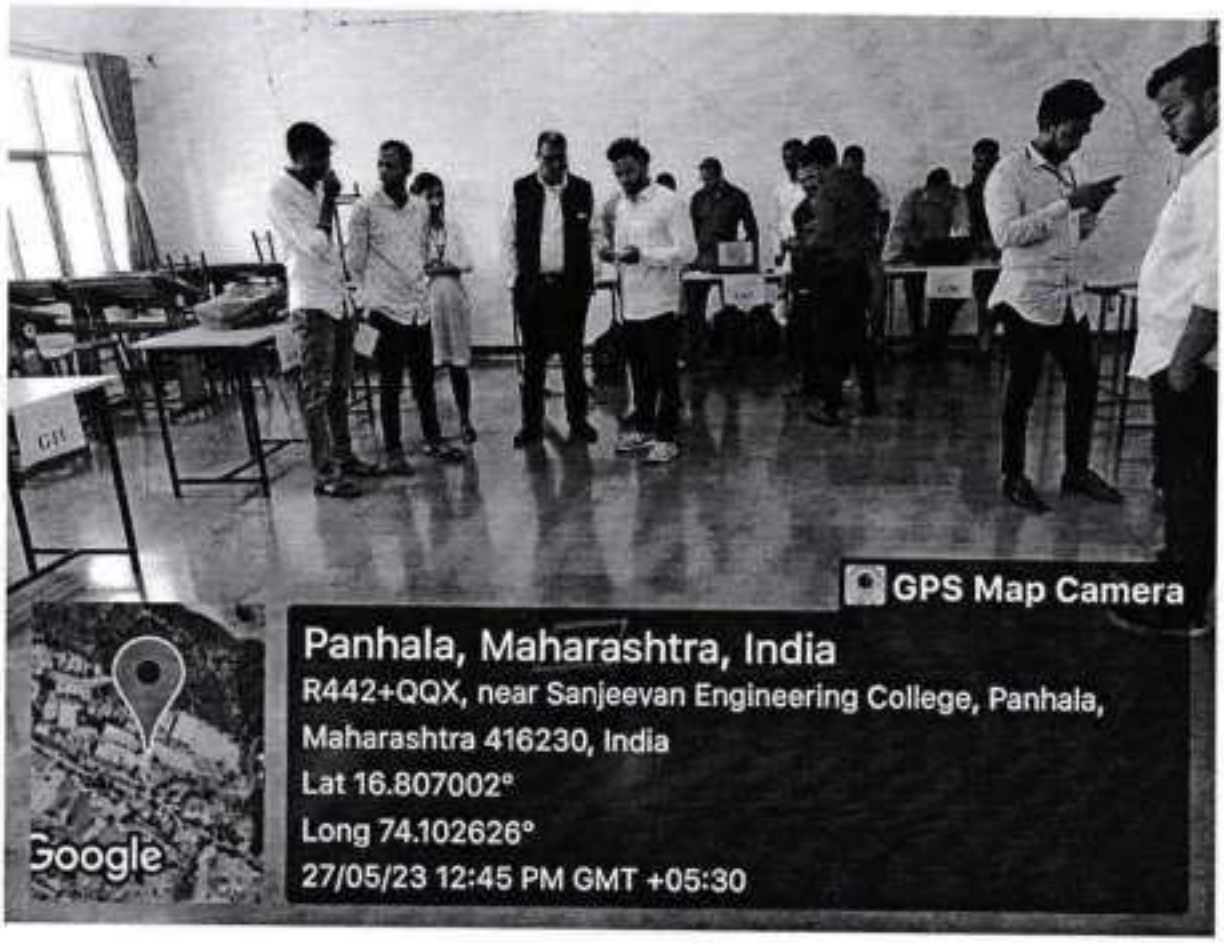
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

Department of Mechanical Engineering

Project presentation students Photos with model



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HOD Mechanical

Department of Mechanical Engineering

Project presentation students Photos with model

Project Coordinator

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HOD Mechanical

Department of Mechanical Engineering

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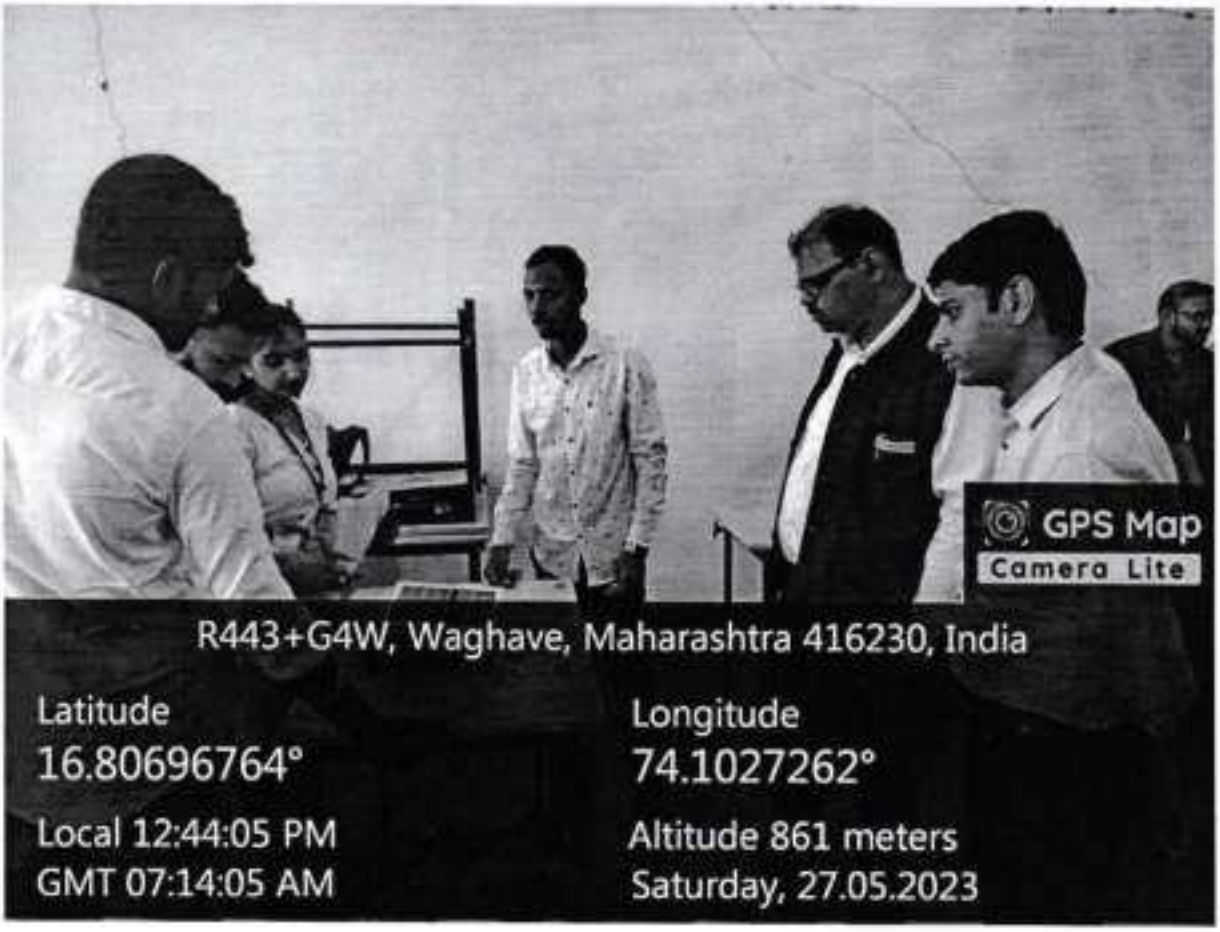

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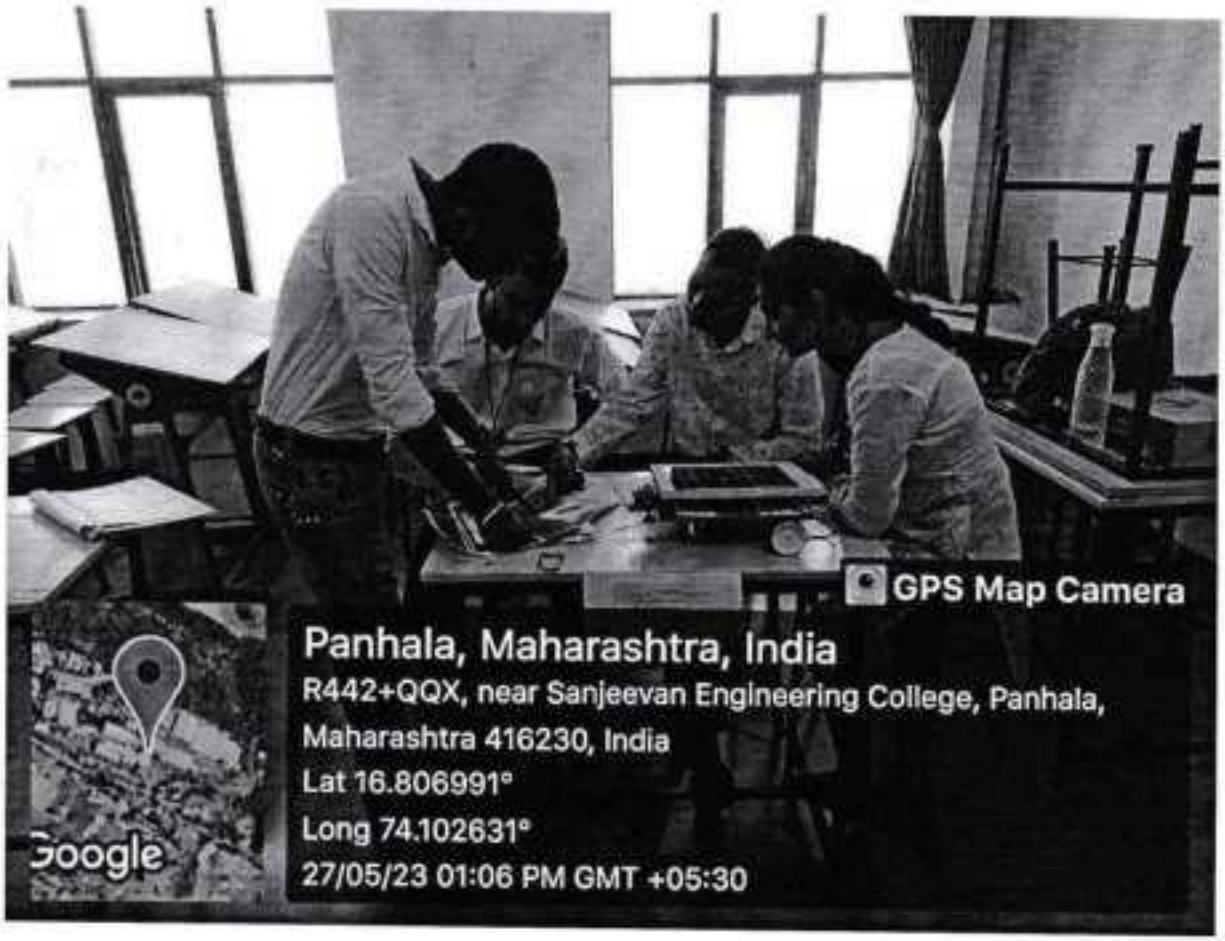
MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

HOD Mechanical

Department of Mechanical Engineering

Project presentation students Photos with model



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8. Summary of Student Induction Programme

Sr.No	Event Name	Year of Event	Date	Number of student participated
01	Student Induction Programme	2018-19	1st August to 21st August 2018	88
02	Student Induction Programme	2019-20	13th August to 21st August 2019	152
03	Student Induction Programme (online)	2020-21	2nd February to 6th February 2020	78
04	Student Induction Programme	2021-22	23th December to 27th December 2021	108
05	Student Induction Programme	2022-23	14th December to 18th December 2022	188

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9. SDP report specimen with photos

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Department of Basic Sciences & Humanities

REPORT

Welcome Function and Student Induction Programme

(A.Y 2022-23)

Venue: Sir Vishveshwaraiah (Drawing) Hall, S.E.T.I Panhala
Date: 14.11.2022 to 18.11.2022

IIPC Programme Co-ordinator: H.O.D (BS&H), Nishant B Tharkar & Prof.Ashok B.Kolekar

Organizing Committee Members: Dr.Vishal Patil, Dr.Sachin Potdar, Prof.Nilofer Khan, Prof.Nasrin Khan, Mrs.Ankita Kulkarni , Shinde Mr. Sangram Chopade, Mr. Vinod S Solapure.

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ABOUT INSTITUTE

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA (SETI) is an establishment of Sanjeevan, meets the needs of technology driven modern 21st Century. The Institute is approved by All India Council for Technical Education, New Delhi, recognized by Directorate of Technical Education, Govt. of Maharashtra and affiliated to Shivaji University, Kolhapur & Affilated to Babasaheb Ambedkar Technological University, Lonere for First Year 2017-18 B.Tch / M.Tech. Sanjeevan Engineering & Technology Institute (SETI) is long cherished dream of Founder-Chairman Mr. P. R. BHOSALE, an Educationalist

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having experience about two decades. His aim is to impart quality education to the students from nook and corner of the country. No doubt, Sanjeevan Engineers will be the best professionals with added values of Indian Heritage.

The historic land of Panhala has conferred the selfless Shiv-trend in the spontaneous form to its guard rooted deeply in its soil. The same selfless Shiv-trend inspired a few teachers and dreamt of an educational institution for the innocent birdies of the society. Eventually, the inception came into existence in the infrastructure of Panhala at the hill station Shivsakha-Ambarkhana, under the name of Holy-wood Academy, Kolhapur epitomized as Sanjeevan. The pious day of its inception was on August 21, 1992 by a man of foresightedness, thoughtfulness and unprecedented courage Hon. Mr. P.R. Bhosale.

The Holy-Wood Academy has been efficiently managing number of educational institutes under the banner of Holy-Wood Academy as listed below.

1. Sanjeevan Public School - CBSE (Year of Est.:1994)
2. Sanjeevan Vidyaniketan (Marathi and Semi English medium) (Year of Est.:1997)
3. Chatrapati Shivaji Junior College (Year of Est.: 2001-2002)
4. Sanjeevan Vidyalaya (Year of Est.:1994)
5. (Year of Est.:2009)

The institute started its journey with four undergraduate programs, viz. Civil Engineering, Computer Science & Engineering, Electronics & Tele-communication Engineering and Mechanical Engineering with an intake of 240. Now it offers six undergraduate programs with an intake capacity of 360 at First year and 60 at Direct Second year in Mechanical Engineering. In addition, institute offers two Post Graduate programs with an intake capacity of 18 in Mechanical Design Engineering and Electronics & Tele-communication Engineering Institute has a total strength of 87 highly qualified and motivated faculties with adequate infrastructure as per AICTE.

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This report provides an overview and evaluation of the one-week induction program conducted for all first year B. Tech undergraduate engineering students at Sanjeevan Enginnering and Technology Institute Panhala. The purpose of this induction program was to ensure that new engineering students have a smooth transition into their academic journey, familiarize them with the Dr. Babasaheb Ambedkar Tchnological University Lonere's policies and resources, and foster a sense of belonging within the engineering community.

OBJECTIVE OF INDUCTION

The objectives of the programme is to make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature. The time during the Induction Program is also used to rectify some critical lacunas and sensitize them towards exploring their academic interest and activities, reducing competition and making them work for excellence, build relations between teachers and students and overall personality development. *Sanjeevan Engineering and technology Institute, Panhala (S.E.T.I)* has organized one week induction programme with an objective to provide ample of time and a platform for the transition of students from junior college to the hard-core engineering. An induction programme is a harbinger of various in-campus & off-campus activities specially designed for entrants to fill the gap.

The following major activities under the induction programme in which the students were fully engaged throughout the day for the entire duration of programme, this includes:

1. **Physical activity:** This involves a daily routine of physical activity with games and sports including yoga which helps them to develop team spirit.

2. **Creative arts:** Every student chooses one skill related to the arts whether visual arts of performing arts example are painting, dancing street play, music etc.

3. **Universal human values:** It gets the student to explore on self and allows one to experience the joy of learning stand up to peer pressure, take decisions with courage etc.

4. **Literary:** Literary activities encompass reading, writing, debating and enacting a play.

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5. **Lectures by Eminent People:** This period was utilized for lectures by eminent people it gave the students exposure to people who are socially active or are in public domain.

6. **Visits to local area:** This familiarized them with the area, as well as, exposes them to the outer world

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DepartmentofBasicSciences&Humanities

STUDENTINDUCTIONPROGRAMME-2022-23

B.Tech-FirstYear **ACADEMICYEAR:2022-23** **14thNovember-18thNovember2022** **ONEWEEK**

Day /Time	1 10:15-11:30	2 11:30-1:00	3 12:15-12:30	4 12:30-1:30	5 1:30-2:00	6 2:00-4:00
Monday 14/11/22	Registration of Student and Refreshment	Inauguration	Short Break	Interaction with parents (HOD,VP,Principal, Alumini)	Long Break	Mentor-Mentee Interaction
Tuesday 15/11/22	Dr.DayanandDeomore (Manifestations for Engineers)	Department Visit (A-Civl.B- CSE C-EE D- ME)		Group Discussion (Group Formation And Introduction)		Creative Arts
Wednesday 16/11/22	Mr.Sangram Power (Idea metrics)	Department Visit (A-ME .B- Civl C-CSE D- EE)		Literary Event Book		Creative Arts
Thursday 17/11/22	Sahaj Yoga	Department Visit (A-EE .B- ME C-Civil D- CSE)		Group Discussion/Debate		Creative Arts
Friday 18/11/22	Mr. SandipPatil (Robotics & Automation)	Department Visit (A-CSE .B- EE C-ME D-Civil)		English Proficiency Module		Presentation by Groups

TheIIPCCoordinator
Prof.Ashok B.Kolekar

H.O.D
Prof.Nishant B.Tharkar
H.O.D
Department of Basic Sciences and Humanities

Principal
Dr. SajeevN.Jain
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RATIONALE BEHIND THE PROGRAMME

Considering a long break since the month of November, induction programme has been proved to be a fun mingled educationalactivity of adapting motivation and recourse to their procrastinated educational goals. The interaction with the induction programme equipped entrants not only with the boost to their educational pursuits but also with the work-culture, industrial exposure, social experiences, and various institutional activities.

- ✓ To build strong relationships with faculty, advisers and peers
- ✓ To focus on ethical behavior and moral fortitude
- ✓ To nurture a deeper understanding of the local and global world and our place at as concerned citizens of the world
- ✓ To provide adequate foundation in the core applied science subjects and english limited to moderate level

INAUGURAL FUNCTION

The Induction Programme began with registration followed by orientation programme on 14 th November 2022. The students with their great enthusiasm reported and registered themselves at the college. Orientation programme aimed to enhance students' familiarity with the faculties, *Sanjeevan (S.E.T.I)* Campus, its facilities and a plethora of cultural activities of the institution. With a fresh exposure of the induction programme, the students were exposed to the milieu of the institution with zeal and enthusiasm. Likewise every year, the induction programme was decided to be delivered on three major phases i.e. *Welcome Phase, Training Phase, and Concluding Phase.* To make the students feel comfortable in new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self & society.

The committee members decided to involve expert lectures on various sub-themes including Universal Human Values, Proficiency Modules, Lectures by Eminent Personalities, Motivational Talks, and Visit to all Departments.

As the student intake is large in numbers it was collectively decided by the committee that the whole group of students were split into various batches with a mentor to each batch. The college committee for Induction programme invited experts from different institutions to interact with the new entrants and brief the learners with their expertise in various fields. Along with expert talks the students.

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(Chairman-Hon.Shri.P.R.Bhosale,JointSecretary-Hon.Shri.N.R.Bhosale,Principal.Dr.Sanjeev Jain,Vice Principal Dr. SuhasSapate,Prof.NishantTharkar(HoD-BS&H), SIPCellCo-ordinator-Prof.AshokB.Kolekar,AllFirstYearStaff&HoDsofvariousDepartments)

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WELCOME PHASE

To mark the beginning of the academic year 2022-23 and Induction Programme for B.Tech First Year students, Honble.Shri.Prakash Bhosale, the Chairman, inaugurated the programme along with Joint Secretary-Hon.Shri.N.R.Bhosale, Principal.Dr.Sanjeev Jain, Honbl Chairman emphasized the importance of core values i.e. dedication, discipline. He also emphasized the importance of transcending the knowledge of engineering into application for the betterment of the society. Having given the warm welcome to the students, he appealed the students to utilize maximum resources at the most of their capacity for academic enhancement. The inauguration function ended up with the vote of thanks by Dr. Vishal Patil, which was followed by scheduled expert talks.

LECTURES BY EMINENT PERSONALITIES

The committee unanimously decided to have experts from different section of the society which included professionals, corporate traine Managers of active firms of the society. The sessions were quite interactive that proved to provide a visualization to distinguish Person Professional, Academic and social life with ease and a clear picture of self, the vitality of Human Values and communication in general. T learners felt motivated to get acquainted in the color of engineering college and more significantly they gave emphasis to attach values professional and individual life. Following is the list of experts and their topics.

Day 2 Ravikant Vemparla (Senior Engineer at Google) On Engineering Work Profile and Aptitude

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In conclusion, a career in engineering within a multinational corporation can be incredibly fulfilling and offer exciting opportunities. However, it also demands a commitment to technical excellence, problem-solving, teamwork, adaptability, and a global perspective. As aspiring engineers, we should embrace these qualities and continuously strive to enhance our skills and knowledge to thrive in the dynamic world of MNC engineering.

Day 3 Dr. Dayanad Namdev Deomore On Concept of EFT Emotional Freedom Technique

The concept of EFT, or Emotional Freedom Technique, is a valuable tool that can help us manage our emotions and improve our overall well-being. As students, we face a multitude of challenges, and EFT offers a practical and accessible way to address these challenges head-on. I encourage each of you to explore EFT, learn its techniques, and see how it can positively impact your life. It's a skill that can serve you not only during your time as a student but throughout your entire life.

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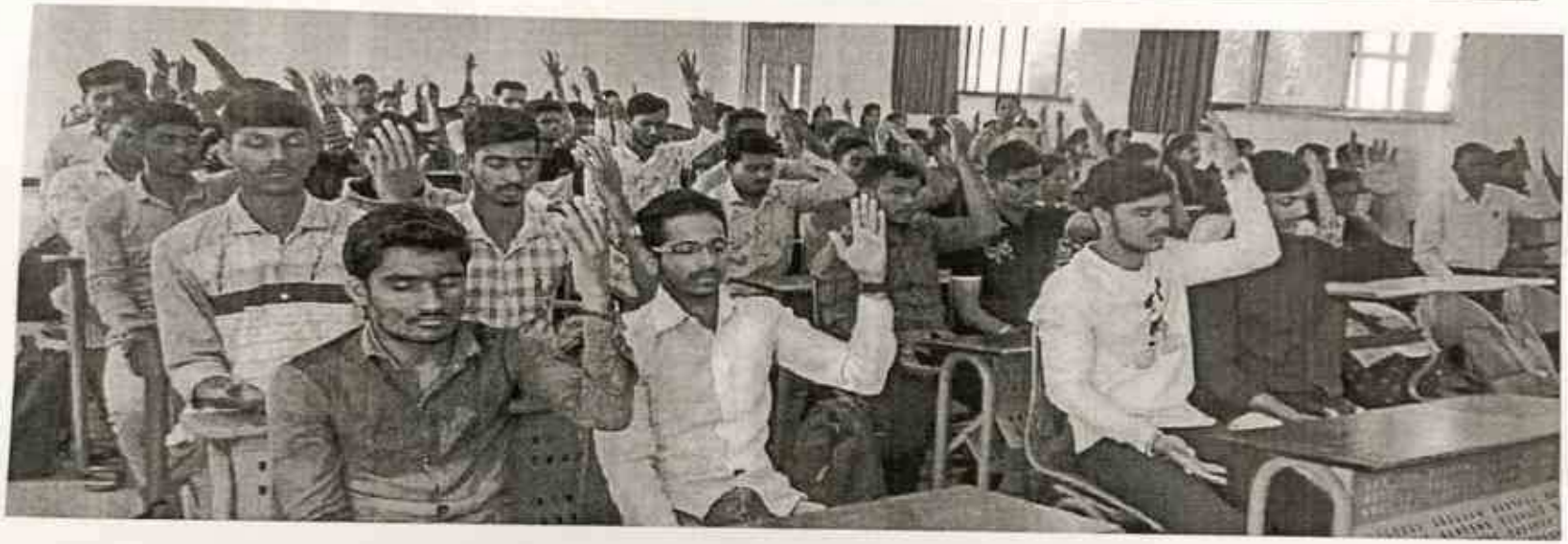
Day 4 Sahaj Yoga



(InternationalYogaTrainer--Prof.SanjayHakke Conducting Yoga Session for First year Students)

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Day 5 Mr. Suryakant Rajaram Dodmise Sir On Enterpunureship and Incubation

Entrepreneurship and incubation programs offer engineering students a unique pathway to make a meaningful impact on the world. It's a journey filled with challenges and rewards, and it allows us to leverage our engineering skills to create innovative solutions and drive positive change. So, let's embrace the spirit of entrepreneurship, nurture our ideas, and work together to build a brighter future for ourselves and society as a whole.

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FamiliarizationtoRespectiveDepartments&Institute

(Mentor-MenteeGroups-IntroductionwithinGroup)

Dr. SachinPotdar is introducing Physic Lab to new entrants.

Prof. Ashok Kolekar is introducing Language Lab to new entrants

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Prof. AnnpuranSaboji is introducing Chemistry Lab to new entrants

Mr. Vijay Patil is introducing Workshop to new entrants.

H. O. D.
Department of
Basic Sciences and Humanities

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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

OUTCOMES OFTHEPROGRAMME

Entrantswereabletodisplayconfidenceandsuccessfultransitionintoanewacademicenvironment.
Entrantswereabletoutilizeprimaryresourcesandfacilitiesoftheinstitute.
Entrantswereabletoestablishpositiveacquaintancewiththeirpeers,faculties,andinstituteaswhole.
Entrantswereabletoattachmoralvaluesandbehaviorswiththepracticesoftheinstitutionalactivities.
Self-analysisandintrospectionwaspositivelybridgedfortheiracademicneeds.
Entrantswereabletogetconvincedtostructuredandcollaborativelearningplatform.
Entrantswereabletoprojectexemplaryperformanceinactivitiesdesignedduringinductionprogramme

CONCLUSION

The one-week Undergraduate Engineering Student's Induction Program at Sanjeevan Engineering and Technology Institute Panhalaserves as a crucial foundation for the academic and personal development of new engineering students. It ensures that they are well-prepared to embark on their engineering journey, equipped with essential information, skills, and a strong sense of belonging within the engineering community.This report has provided an overview of the key elements of the induction program, and the university remains committed to continually enhancing the program to offer the best possible experience for its engineering students.

Withthecooperationofthestudentsandthefacultymembersthe Inductionprogrammewasabletorecordthefeedbacksofthestudentsin Experttalkand othersessions.Thetotalinvolvementofdeputed Facultiesactivelyengrossedinvariousresponsibilitiesofinductionprogramme.Thatfacilitatedtomot ivatetheentrantstostirlikeasugarinwaterofinstitutionalactivities.Studentsaremadeawareaboutmultidisciplinaryareasandtheirdevelopmentsan ddevelopedabilitytotranscendfromsubjectiveknowledgetotheapplicationofsubjectinreallife situations.

Acknowledgement

Wewouldliketoexpressourdeepsenseofgratitudeto.....
Hon.SecretaryShri.P.R.BhosaleandHon.JointSecretaryShri.N.R.BhosaleofS.E.T.I,Panhala
Dr. Sanjeev Jain(Principal,S.E.T.I,Panhala)
Dr. SuhasSapate(Vice Principal,S.E.T.I,Panhala)
AlltheHeadsofdifferentDepartmentsofS.E.T.I,Panhala
RespectiveIndustriesandProfessionals
RespectivePanhalaMuncipalCorp.PanhalaFort.

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Kolhapur Path, Panhala - 416 201

AllthecommitteemembersofInductionProgramme
AlltheTeachingandNon-TeachingStaff
TeamofStudents

THANK YOU

Prof.AshokBhauKolekar
(Asst.Prof.inEnglish&CommunicationSkills)
***Co-ordinator,StudentInductionProgramme(S.I.P)Cell,S.E.T.I,Panhala*(Kolhapur)**

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Department of Basic Sciences &Humanities

Induction Programme 2022-23

Date :15/11/2022

DIV- A (Physics Group)

Roll .No	Candidate Name	Session 1	Session 2	Session 3	Session 4
		10.00to 11.30	11.30 to 1.00	2.00 to 3.00	3.00 to 4.00
101	PATIL SAHIL ARUN				
102	BHOIR DIPESH ANANTA				
103	KARANDE PRACHI SANJAY				
104	KADAM SAMARTH PRAVINKUMAR				
105	PATIL MAYUR DEEPAK				
106	PATIL VYANKATESH MANOHAR				
107	DINDE SAMARTH JANARDAN				
108	RUPNOOR SATEJ PRAVIN				
109	BAHADURE SUDESH RAMCHANDRA				
110	BHOPALE SAMRUDDHI PRAKASH				
111	KHARADE OMKAR JAGDISH				
112	LAD SAHIL SARDAR				
113	MANE ANIKET JAGADISH				
114	NIMBALKAR ANIRUDDHA VIVEK				
115	PATIL PRATHMESH BHANUDAS				
116	PATIL PRATHMESH HINDURAO				
117	PATIL PRATHMESH TANAJI				
118	PATIL RUTURAJ BALASO				
119	PAWAR PRADNYA VASANT				
120	PHARANE VIVEK SATISH				
121	POWER RAJ SAMBHAJI				
122	ARAGE VIVEK ARUN				
123	AREKAR HARSHAD RANGRAO				
124	BENAKE SANIKA VIJAY				
125	BHALEKAR KAUSTUBH SAMBHAJI				
126	BHOGAVKAR KEDAR KAMALAKAR				
127	BHOSALE ADITYARAJE SAYAJIRAO				
128	CHAVAN SANIKA SHRIKRUSHANA				
129	CHOUGALE SANKET PRADIP				
130	DINDE ROHAN BALASO				
131	GAWADE ANIKET SUBHASH				
132	GHATAKE PRATHMESH SUNIL				
133	HAJARE ANKITA AVAGHADI				
134	HALADKAR SWAPNIL SARDAR				
135	JAYBHAYE MAYUR MADHAV				
136	KADAM TANVI ASHOK				
137	KHOT AKSHADA SURESH				
138	PATIL ANMOL VISHAL				
139	PATIL ASHUTOSH UTTAM				
140	PATIL DAKSHATA RAJENDRA				
141	PATIL PAVAN GANAPATI				
142	PATIL ROSHAN DNYANDEV				
143	PATIL SAHIL RAJENDRA				
144	PATIL SAHIL RAVINDRA				
145	PAWAR SAHIL BHIVA				
146	PILANKAR RUTUJA SANDIP				
147	POWAR SOURABH SUHAS				
148	SAWANT VINAYAK VIKRAM				
149	THOMBARE SUBHASH PANDURANG				
150	VAISHALI PANDURANG JADHAV				
	Aditya Ramesh Patil				
	Abhishek Madab Kulkarni				

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Sanjeevan Engg. & Tech. Institute
Panhala - 416201

Head of Department
Basic Sciences and Humanities

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Sanjeevan Engineering & Technology Institute, Panhala

Department of Basic Sciences &Humanities

A.Y 2022-2023

Date :15/11/2022

DIV- B (Physics Group)

Roll .No	Candidate Name	Session 1	Session 2	Session 3	Session 4
		10.00to 11.30	11.30 to 1.00	2.00 to 3.00	3.00 to 4.00
201	ARYA SANJAY ZENDE				
202	ATHANIKAR NADAF NAHIDA FAIYAZ				
203	BAMBUGADE SAINATH ASHOK				
204	CHOUGALE SAHIL GOVIND				
205	DESAI SIDDHESH SHAILENDRA				
206	DHARANE AJAY VINOD				
207	DHOLE KAIF SAHEBLAL				
208	GAVANDI MUSTAKIM BABLU				
209	GHATAGE ANISHA POPAT				
210	GOLDE SARTHAK RAOSAHEB				
211	JADHAV SURAJ SAYAJI				
212	KAKADE TANISHAQ SHAILENDRA				
213	KAMBLE SANCHITA RAHUL				
214	KAMBLE VIDYADHAR SHANKAR				
215	KAPASE KETANKUMAR KUBER				
216	KHABOLE ADITYA DEVANAND				
217	KOLI SARTHAK ANIL				
218	KULKARNI OMKAR SOMNATH				
219	MALI PRASANNA NANDKUMAR				
220	MANGLEKAR PURVA ANANT				
221	PATIL PRANAV BABAN				
222	PATIL SOURABH RAOSAHEB				
223	POL PRAJAKTA BHUPAL				
224	RAUT ROODRA NISHANT				
225	REDEKAR PRANITA DIPAK				
226	REDEKAR SATYAJIT VITTHAL				
227	SANGAR PRAMOD PRADIP				
228	SHINDE PRACHI NAMDEV				
229	SUTAR OMKAR SANJAY				
230	SUTAR VAIBHAV NIVAS				
231	TOTAWAR HARSHVARDHAN DEEPAK				
232	UKARANDE BHUSHAN HARIDAS				
233	AMRUT ANIL ALMAN				
234	BHADEKAR HARSHADA MAHESH				
235	BHIVDARNE PRATIK NAVANATH				
236	BHOSALE ABHISHEK VIJAY				
237	BHOSALE SANIKA MANIKASHA				
238	BURAN SANDESH SHIVAJI				
239	GAWADE PARASHRAMDADA CHANDRAKANT				
240	GAWADE SUDESH RAVALNATH				
241	GAWADE TEJASWINI GANPATI				
242	KAVARE SHRUTI MAHAVIR				
243	MULIK SANIKA JOTIRAM				
244	PATIL RAJVARDHAN SHRIKANT				
245	PATIL SANIKA SATUPPA				
246	PATIL VAIJAYANTI DATTATRAY				
247	SAMARTH SANDIP DOMBE				
248	SAWANT SAHIL SANTOSH				
249	SURYAWANSHI DURVA CHANDRAKANT				
250	SURYAVANSHI SHIVANJAY SHIVAJI MUDAGE				

Ashutosh Uttam Patil

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Sanjeevan Engg. & Tech. Institute

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Department of Basic Sciences and Humanities

Sanjeevan Engineering & Technology Institute, Panhala

Department of Basic Sciences &Humanities

A.Y 2022-2023 Date :15/11/2022

DIV-C (Chemstry Group)

Roll .No	Candidate Name	Session 1	Session 2	Session 3	Session 4
		10.00to 11.30	11.30 to 1.00	2.00 to 3.00	3.00 to 4.00
301	ARADE AYUSH TANAJI				
302	BAJAGE APEKSHA ANANDA	Bajage	Bajage	Bajage	
303	BHARANKAR VEDIKA NARAYAN				
304	BHORE SANKET HARIDAS				
305	BHOSALE SAHIL SURESH	Bhosale	Bhosale	Bhosale	
306	BORNAKE SARTHAK VINAYAK	Sarthak	Sarthak	Sarthak	
307	CHANDANE SANIYA VISHWAS	Schandane	Schandane	Schandane	Schandane
308	CHAVAN AKANKSHA BHARAT	ABCHAVAN	ABCHAVAN	ABCHAVAN	
309	CHAVAN DINESH UTTAM				
310	DABIRE ROHAN UMESH				
311	DHERE TEJES BHIKAJI				
312	DORAD SAHIL SANTOSH				
313	GAWALI AJINKYA SHIVPRASAD				
314	GHORPADE BALKRUSHNA SUNIL				
315	HALADKAR ROHAN ASHOK				
316	JADHAV ADITYA BAJIRAV				
317	JADHAV AMEY RAJENDRA				
318	JAGTAP ADITI ARUN	Aditi	Aditi	Aditi	Aditi
319	JOGADE MAHIMA MAHADEV				
320	KAMBLE APARNA TUKARAM				
321	KARPE CHINMAY DATTATRAY				
322	KASAR ABHINANDAN ARVIND				
323	KHADE VINAYAK VILAS				
324	KHAVARE PRADNYA KRISHNAT				
325	KUMBHAR SURAJ RAJENDRA				
326	LANDAGE SHRUTI YASHVANT	Sylandage	Sylandage	Sylandage	Sylandage
327	MHANGORE PRATHMESH SHANKAR	PSmangore	PSmangore	PSmangore	
328	MHARUGADE SAHIL SAMBHAJI				
329	MHAUTKAR SANIKA SANJAY				
330	MHAVALE ANIRUDDHA ARVIND				
331	MULLANI FAIZA DASTAGIR				
332	NARVEKAR SALONI VITTHAL				
333	NIGADE SHRADHA VIKAS	Shradha	Shradha	Shradha	Shradha
334	PARTE SANKET DATTATRAY				
335	PATIL OMKAR RAJU				
336	PATIL RAJKIRAN KRISHNAT				
337	PATIL RANDHIR SANJAY				
338	PATIL SAHIL SURESH				
339	PATIL SHIVANI RAVASO				
340	PATIL SUDESH DATTATRAY				
341	POL HARSH BHARAT				
342	POWAR OM SUDHAKAR				
343	POWAR SAKSHI SURESH				
344	RANAGE SAKSHI KASHINATH	S.K.Ranage	S.K.Ranage	S.K.Ranage	
345	SANKPAL ADITYA RAMESH				
346	SAWANT VIRAJ VIKAS				
347	SHAIKH MOHAMMAD TAIJIM BABASAB				
348	SHINGATE SAKSHI PANDIT				
349	SHUBHAM VILAS SHINDE				
350	UDALE OMKAR ROHIT				

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Department of Basic Sciences &Humanities

A.Y 2022-2023 Date :15/11/2022

DIV-D (Chemstry Group)

Roll .No	Candidate Name	Session 1	Session 2	Session 3	Session 4
		10.00to 11.30	11.30 to 1.00	2.00 to 3.00	3.00 to 4.00
401	ARATI DHARMENDRA PATIL				
402	BHALEKAR MANTHAN SUNIL				
403	BHARADE RUTURAJ SHANKAR				
404	BHOSALE SAMIKSHA DHANAJIRAO				
405	BHOSALE VEDANTIKA ANANDRAV				
406	CHALAKE PRATIKSHA SANJAY				
407	CHAVAN SAKSHI SUNIL				
408	DABHOLKAR SUYASH DINESH				
409	DHANAWADE TEJASWINI VISHNU				
410	DHEPE SEJAL ABASAHEB				
411	DHUMAL SHRIRANG PANDURANG				
412	GAVADE RITESH LAXMAN				
413	GIRI ONKAR SATISH				
414	GUNDURE ADITYA VISHWANATH				
415	GURAV SIDDHARTH AMOL				
416	GURULE APURVA KRISHNAT				
417	KALE UDAY PRAKASH	U.P. Kale	U.P. Kale	U.P. Kale	
418	KARANDE SHARVARI BHAGAWAN				
419	KASTURE VISHAL DATTATRAY				
420	KUMBHAR AMISHA UTTAM				
421	KUMBHAR PRATHMESH DILIP				
422	KUWAR SAHIL MAHENDRA				
423	LOKARE ADITYA DHANANJAY				
424	LONKAR TEJAS LAXMAN				
425	MAHIMKAR AMRESHWAR SUNIL				
426	MESTRY VISHAL SITARAM				
427	MISHRA PIYUSH VISHAL				
428	MORE PRIYA ANIL				
429	OULKAR NEHA NAMDEV				
430	PADGILWAR KRUSHNA MANOHARRAO				
431	PARTE SARITA KRUSHNA				
432	PATIL CHAITRALI DADASO				
433	PATIL CHETAN MUKUND				
434	PATIL KAPIL KAILAS				
435	PATIL PRUTHVIRAJ DHANAJI				
436	PATIL SAKSHI PANDHARINATH				
437	PATIL SANDHYARANI VIJAY				
438	PATIL SHRADDHA SATYAJIT				
439	PATIL SHRUTI SHIVAJI	S.S. Patil	S.S. Patil	S.S. Patil	S.S. Patil
440	PATIL SNEHAL SUNIL				
441	PAWAR AKASH SURYAKANT				
442	POWAR SIDHANT SANJAY				
443	SALGAR SHRINIVAS BIRA				
444	SARATE DIKSHA DATTATRAY				
445	SATPUTE SANIKA VIKAS				
446	SATVILKAR MUSKAN HUSAIN				
447	SAWANT HARSHADA BHIMARAO				
448	SHINGE PRANAV SUNIL				
449	SURWASE SURAJ GOPICHAND				
450	SURYAVANSHI SANIKA KASHINATH	Suryavanshi	Suryavanshi	Suryavanshi	Suryavanshi

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Department of
Sciences and Humanities

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10. Specimen Workshop Diary

HOLY- WOOD ACADEMY'S

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Tal. Panhala Dist. Kolhapur. Pin 416201 (M.S)
e-mail:- sanjeevanpanhala@yahoo.com

seti
SANJEEVAN ENGINEERING
& TECHNOLOGY INSTITUTE

DEPARTMENT OF MECHANICAL ENGINEERING

WORKSHOP BOOK

Name Bajirao Vitthal Patil

Class : FE (II) Part (I / II) Roll No. 229

Branch : CSE Branch No.

Academic Year : 2021 - 22 Exam Seat No. :

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE

Tal. Panhala Dist. Kolhapur. Pin.416201 (M.S)
e-mail:- sanjeevanpanhala@yahoo.com

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

Certified that Mr. / ~~Miss.~~ Bajirao Vitthal Patil

of FE / ~~SE~~ Class Roll No. 229 Batch No. : B2

Branch : CSE Exam Seat No. : 2163151242023

has satisfactory completed the term work in Workshop Practice (I / ~~II~~ / ~~III~~) as laid down by [redacted] during the academic year : 2021 -2022

Dr. B. A. Tech. University, Lonere

Date :

Workshop Superintendent

Head of Dept. Mechanical Engg.

H.O.D. Department of Basic Sciences and Humanities

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INDEX

Name: Rajiraje Vitthal Patil Branch: CSE

Class & Batch: F.E. B.div Roll No.: 123

Job No.	Started On	Completed On	No. of Hrs. Put in	Submitted On	Page No.	Instructor's Signature
1	30/12/2022 Fitting Shop	4-02-22	12 hrs	04/02/22	1-2	
2	Carpentry 4-02-2022	11-02-22	8 Hr	11/02/22	3-4	
3	11/02/22 welding	18/02/22	6Hr	25/02/22	5-6	
4	25-02-22 Sheet METEl Workshop	4-04-2022	16 Hr	21-04-22	7-8	

WORKSHOP

DEPARTMENT OF MECHANICAL ENGINEERING

HOLY- WOOD ACADEMY'S

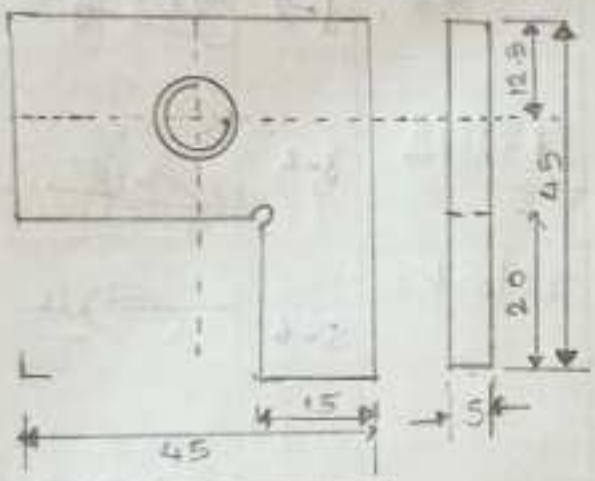
SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Name of Student Bajirao Vitthal Patil.

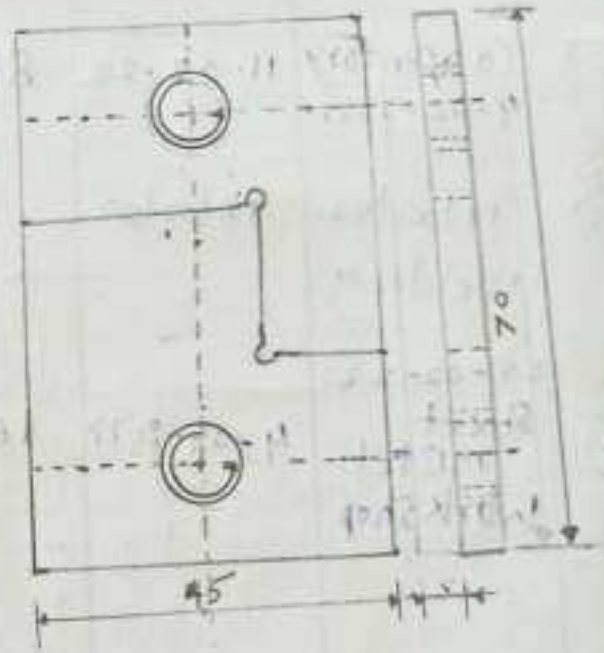
Class No. : F.Y Roll No. 229

Shop fitting shop. Exercise No. : 1 Batch No. B2

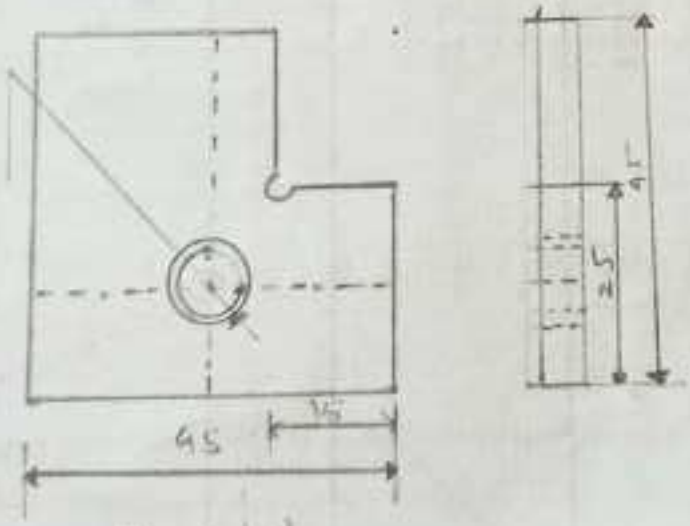
Sketch open fitting Scale 1:1



Part 'A'



Assembly of Part 'A' and Part 'B'



Part 'B'

Page No. :

45

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DEPARTMENT OF MECHANICAL ENGINEERING
HOLY- WOOD ACADEMY'S
SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

MATERIAL SUPPLY

Size	Date	Instructor
	7-01-22	
M.S flat 50x50 x5mm = 2 Nos		

WORK SHEET

Date	Time From	Time To	Hours	Instructor
30-12-22	9:30	11:30	2	
31-12-22	2:30	4:30	2	
3-01-22	2.30	4.30	2	
07-01-22	9.30	11.30	2	
07-01 22	2.30	4.30	2	
04-2-22	9.30	4.30	2	

Completed On : 04/02/2023

Received On : 04/02/2023

Instructor's Sign. :

Workshop Superintendent

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DEPARTMENT OF MECHANICAL ENGINEERING

HOLY- WOOD ACADEMY'S

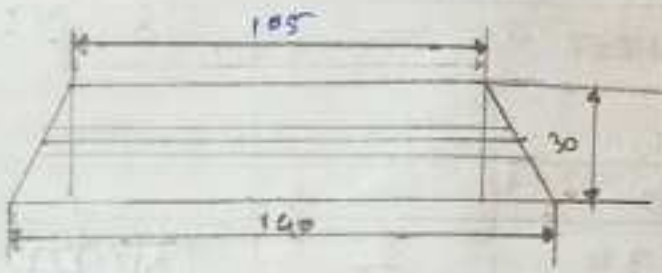
SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Name of Student Bajirao Vitthal Patil

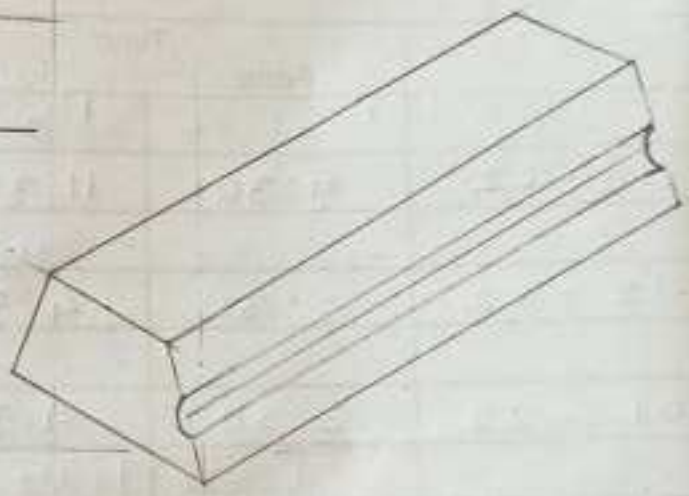
Class No. : F.Y Roll No. 229

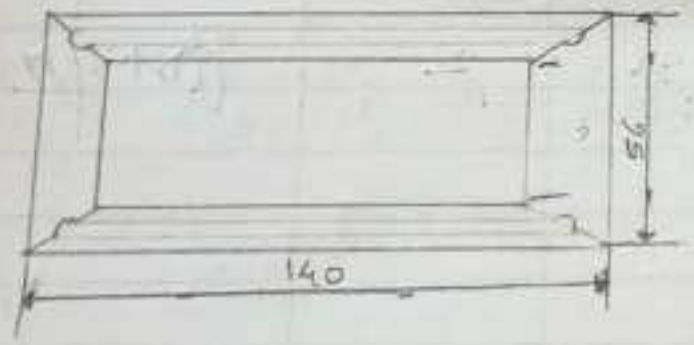
Shop Carpentory Exercise No. : 2 Batch No. B_2

Sketch Duster. Scale 1 : 2

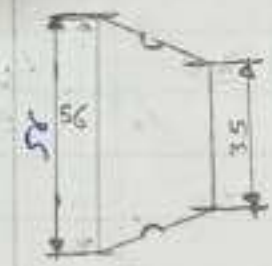


Fron view





Top View



Left hand side view

Page No. :

HOLY- WOOD ACADEMY'S

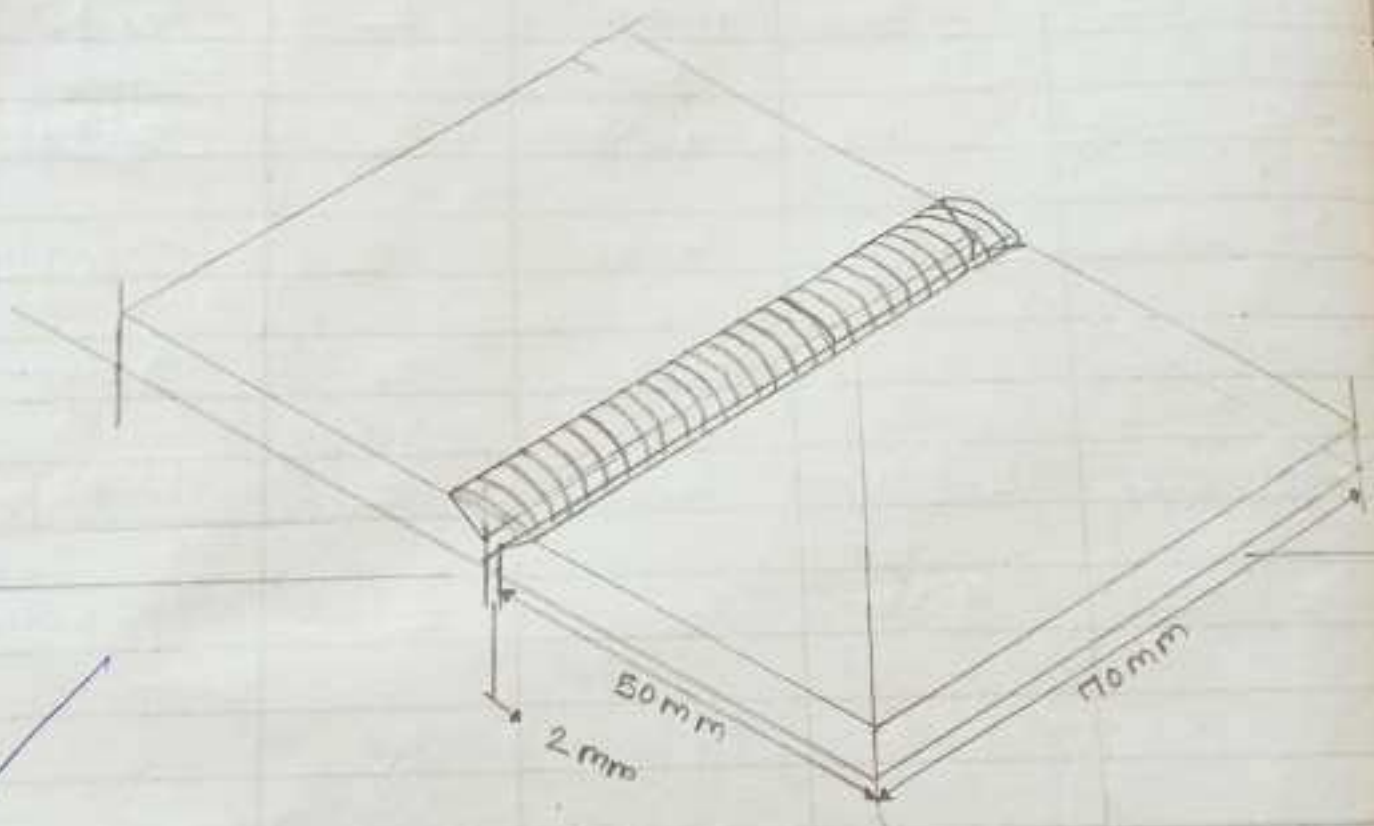
SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Name of Student Bajirao Vitthal Patil

Class No. : FY Roll No. 229

Shop welding Exercise No. : Batch No. B2

Sketch Single 'V' Butt joint. Scale 1:1



Page No. :

WORKSHOP

DEPARTMENT OF MECHANICAL ENGINEERING

HOLY- WOOD ACADEMY'S

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

MATERIAL SUPPLY

Size	Date	Instructor
M.S Flat 75x50x5 mm each 2 Nos		
	11-2-2022	
Welding Electrode 3.15 each 1 No.s		

WORK SHEET

Date	Time From	Time To	Hours	Instructor
11-2-2022	2:30	4:30	2	
18-2-2022	9:30	11:30	2	
18-2-2022	2:30	4:30	2	

Completed On : 25/02/22

Received On :

Instructor's Sign. :

Workshop Superintendent

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Page No. :

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DEPARTMENT OF MECHANICAL ENGINEERING

HOLY- WOOD ACADEMY'S

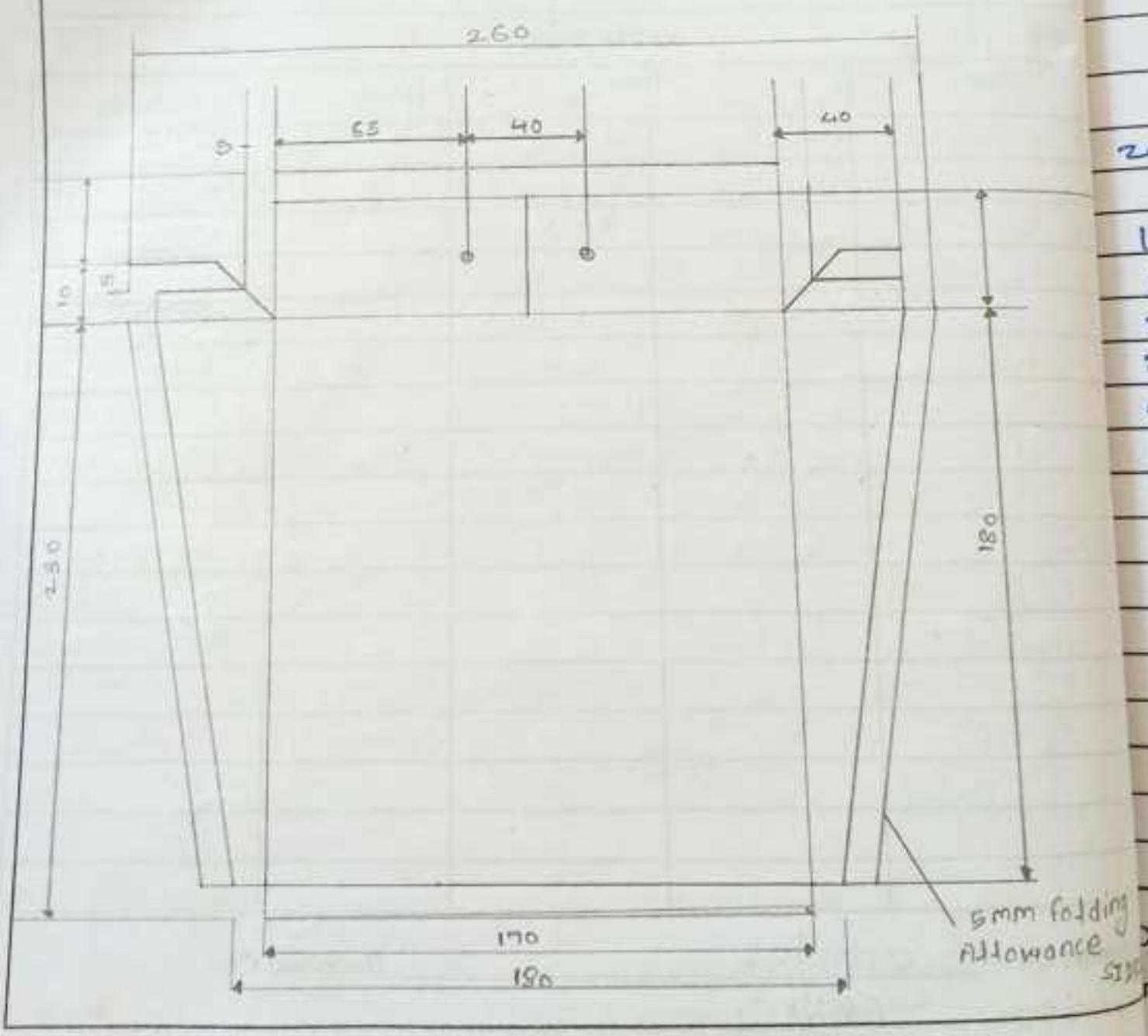
SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Name of Student Bajirao Vitthal Patil

Class No. : F.Y Roll No. 224

Shop sheet metal Exercise No. : Batch No. B2

Sketch Dust Pan Scale 1:2



Page No. :

WORKSHOP

DEPARTMENT OF MECHANICAL ENGINEERING

HOLY- WOOD ACADEMY'S

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

MATERIAL SUPPLY

Size	Date	Instructor
GI sheet		
24 × 300 × 300 = 100s	25-02-2022	Patil
Rivets 200s		

WORK SHEET

Date	Time From	Time To	Hours	Instructor
25-02-2022	9.30	11:30	2	Patil
	2:30	4.30	2	
10-03-2022	2.30	4.30	2	
15-03-2022	2.30	4.30	2	
22-03-2022	2.30	4.30	2	
29-03-2022	2.30	4.30	2	
31-03-2022	2.30	4.30	2	
4-04-2022	2.30	4.30	2	

Completed On : 4-04-2022

Instructor's Sign. : Patil

Received On :

Workshop Superintendent

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Page No. :

11. Summary of Industrial visit conducted

DTE Code : EN6315

HOLY-WOOD ACADEMY'S

SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

NAAC Accredited

Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DTE

Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

Department of Mechanical Engineering

Academic Year 2022-23 Visit Conducted Summary

Sr. No	Date	Details of visit	Company Details	Faculty In charge
1	16th May 2023	Manufacturing Process II subject - Visit for Casting and machining process.	New Melting center Pvt. Ltd. Kushire, Kolhapur	Prof. P. S. Atigre
2	16th May 2023	Manufacturing Process II subject - Visit for EDM and Wire EDM.	AG Technique and Solutions, Shiroli MIDC Kolhapur	Prof. P. S. Atigre

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

HOD
Mechanical Engineering
Sanjeevan Engg. & Tech. Institute, Panhala.

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12. Specimen Industrial Visit Report with photos

Holy-wood Academy, Kolhapur's
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Department of Mechanical Engineering

Date- 13/05/2023

To,

New Melting Centre Pvt. Ltd.

Gat No.678 / 679 (Part) Kushire,

Tal.Panhala, Dist : Kolhapur

Maharashtra - 416229

Subject: Regarding Permission for Industrial Visit

Respected Sir,

Our institute is established in 2009 in a view to impart engineering education to under graduate and post graduate students. Mechanical Engineering is one of the six programs run by the institute for under graduate students.

As per of the curriculum of Dr. Babasaheb Ambedkar Technological University Lonere (D.B.A.T.U.), for Third Year Mechanical Engineering students, an industrial visit is required. This will help students to visualize the knowledge about various manufacturing processes which they have gained under the course of "Manufacturing Process-II".

In this regard, we would like to visit your esteemed organization. So, you are kindly requested to permit our students to visit your company preferably on 16th March, 2023.

Thanking you.

P.S.Atigre

Prof. Praveen S. Atigre
Subject Incharge
Mechanical Engg. Department

Prof. Sardar B. Desai
HOD
Mechanical Engg. Department

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MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

NEW MELTING CENTRE PRIVATE LIMITED

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Department of Mechanical Engineering

Date- 13/05/2023

NOTICE

All the students of Third Year Mechanical Engineering are hereby informed that, an Industrial Visit for the subject Manufacturing Process-II is arranged. The details are as follows.

Name of Company	New Melting Centre Pvt. Ltd.
Location	Gat No.678 / 679 (Part) Kushire, Tal.Panhala, Dist : Kolhapur Maharashtra - 416229
Day & Date	Tuesday 16/05/2023
Timing	10.00 am
Subject & Content	Manufacturing Process-II (Different Manufacturing Processes)

Attendance is compulsory for all Third Year Students.

P.S. Atigre

Prof. P. S. Atigre
Subject Incharge
Mechanical Engg. Department

Prof. Sardar B. Deshmukh
HOD
Mechanical Engg. Department

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Department of Mechanical Engineering
Industrial Visit (Attendance)

Name of Company : New Melting Centre Pvt. Ltd **Date & Time : 16/05/2023 (10:00 am to 12:00 pm)**

Class: TY Mechanical **Academic Year : 2022-23 Sem-II**

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
1	KHOCHIKAR AHAD SAMAD		37	LOHAR DHIRAJ SHIVAJI	
2	KADAM NIKHIL BHIMRAO		38	JADHAV NIRANJAN JAYWANT	—
3	MANE PRADIP SHAMRAO		39	MHAMULKAR ABHIJIT HINDURAO	—
4	KUMBHAR PRANALI BABASAHEB		40	KHOT SWAPNIL SHASHIKANT	—
5	GUJAR PRANAV JOTIRAM	—	41	NAGARI DIPAK DEVENDRA	
6	MAGDUM PRATHMESH SUDHIR		42	BHAT SAHIL PUNDALIK	—
7	KHOT SHUBHAM TUKARAM		43	BAWALE VISHWESH PRASANNA	—
8	SHETE SHUBHAM MARUTI		44	PATIL NIKHIL DNYANDEV	—
9	SHINDE SIDDHESH SUNIL		45	SAWRATKAR VISHAL UTTAM	—
10	BENDHALE SIDDHESH SANTOSH		46	TARALEKAR PRUTHVIRAJ CHANDRAKANT	
11	POWAR SOURAV SHASHIKANT		47	JARAG SIDDESH VIKRAM	—
12	NAIK SHRIDHAR YUVRAJ	—	48	SHINDE CHAITANYA DILIP	—
13	SHIKHARE PRAMOD GUNDA	—	49	KHADE ROHIT VISHWAS	
14	SHIKHARE NILESH SHIVAJI	—	50	SATHAM DIGAMBAR SUNIL	—
15	DHERE SAURABH SATISH	—	51	PADALKAR ANIKET ASHOK	
16	DHERE HARSH SATISH	—	52	GHATAGE SARADAR KRUSHNAT	—
17	DESAI VISHWAJEET VIKAS	—	53	BAGADI DHAIRYASHIL HINDURAO	—
18	KADAVEKAR ANIKET RAJENDRA	—	54	PATIL SUSHANT SANJAY	—
19	SAWANT SUNIL BHAGAWAN		55	WAIKAR RAHIL ANIS	—
20	KHOT VIVEK MADHUKAR		56	PATIL SHUBHAM RAGHUNATH	—
21	ARAB MOHMADSAAD ZAKIRHUSEN	—	57	NAGARJI ADIL KASAM	—
22	JADHAV OMKAR	—	58	SAVARE AKANKSHA AKARAM	
23	JADHAV ALIAS MITHARI KAUSTUBH R.	—	59	KONDE SAMRUDDHI BABASAHEB	
24	GARAD NILESH JAYSING	—	60	WANGIKAR RUTUJA AAPPASO	
25	PATIL ANISH VASANT	—	61	KUMBHAR ABHIJEET VILAS	
26	KAMBLE SHUBHAM BAJIRAO		62	CHOUGULE SUMIT MANOHAR	
27	BAHADURE NITIN AMBADAS	—	63	[illegible] RUSHIKESH NAMDEV	

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Department of Mechanical Engineering
Industrial Visit (Attendance)

Name of Company : New Melting Centre Pvt. Ltd **Date & Time : 16/05/2023 (10:00 am to 12:00 pm)**

Class: TY Mechanical **Academic Year : 2022-23 Sem-II**

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
28	POPHALE YASH PRAVIN	—	64	SASWADE SHRIKANT ARUN	Shrikant
29	MANE PAVAN MAHADEV	—	65	POWAR SHUBHAM SANJAY	—
30	SHINDE SAHIL NITIN	—	66	CHOUGULE SHIDHARTH SAMBHAJI	—
31	SAPALE GAURESH RAJESH	—	67	MULLA JUBER SAMEER	—
32	KATE RAJVARDHAN KAMALAKAR	RKate	68	MOHITE VIVEK SHRIKANT	—
33	LOHAR PRATHAMESH MANIK	—	69	SHINDE PRATHAMESH BHAGAVAN	BShinde
34	KADAM PRANAV JAGADISH	—	70	SATHE MAHESH SARJERAO	—
35	GURAV ROHIT HINDURAO	[illegible]	71	PATIL VAIBAV RANGRAO	—
36	JAGDALE ABHISHEK VIJAY	—			
				P.P.Patil	
				Faculty Signature	

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EN 6315

Department of Mechanical Engineering

Date- 16/05/2023

To,

New Melting Centre Pvt. Ltd.
Gat No.678 / 679 (Part) Kushire,
Tal.Panhala, Dist : Kolhapur
Maharashtra - 416229

Respected Sir,

We would like to extend our sincere thanks to you for providing an opportunity to visit your esteemed and reputed organization on 16th March 2023. We are glad to say that the response from the students was enthusiastic. The information presented by you is definitely useful to our students for enhancing their knowledge about different manufacturing processes.

We genuinely thank you once again for the support and time given by you and we sincerely hope that you would continue to extend your valuable support in our future initiatives as well.

Thanking you.

P.S. Atigre

Prof. Praveen S. Atigre
Subject Incharge
Mechanical Engg. Department

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

Prof. Sardar B. Deshmukh
HOD
Mechanical Engg. Department

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NEW MELTING CENTRE PRIVATE LIMITED KUSHIRE

REPORT

Industrial Visit at New Melting Centre Pvt. Ltd.

Class:	T.Y. Mechanical
Subject:	Manufacturing Process-II
Industry Visited:	New Melting Centre, Kushire
Address:	Unit 1 Gat No.678 / 679 (Part), Kushire, Tal.Panhala, Dist : Kolhapur Maharashtra – 416229
Day & Date:	Tuesday 16/05/2023
Time:	10-12 pm
Faculty Members:	Prof. Praveen S. Atigre Prof. Dhananjay V. Patil

Introduction :

An Industrial visit at New Melting Centre, Kushire was organized by Department of Mechanical Engineering for Third Year Students on 16th May 2023. The industrial visit was witnessed by students of the class, who were accompanied by the faculty Mr. Praveen S. Atigre and Prof. Dhananjay V. Patil.

Aim of the Visit:

Industrial visit is considered as one of the tactical methods of bridging the gap between theoretical and practical knowledge. The main aim of industrial visit is to provide an exposure to the students about practical working environment .Industrial visits also provide students a good opportunity to gain full awareness about industrial practices and new technologies. Through this industrial visit, the efforts are taken by the department to provide an exposure to students about different manufacturing processes.

About the Company:

New Melting Centre is a 27 years old company specialized in producing high quality casting & equipped with best manufacturing machineries such as CNC's VMC's etc. This industry is located at Kushire MIDC, Kolhapur.

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Infrastructure :

Land & Building :

Foundry : 4253.24 Sq.mtr.

Machine Shop : 4115.65 Sq.mtr.

New Foundry & Machine Shop : 34.8 K Sq.mtr.

Capacity : Produce 1500 MT/ Month C.I. & SGI Casting parts

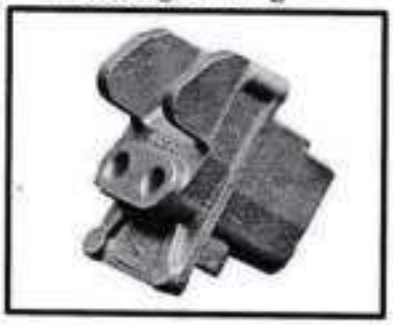
Products of the Company:

Wheel Hub

Steering Housing

Disc (Rear Wheel Brake)

Brake Disc



Brake Valve

30HP Front TC

Clients of the Company:

ILJIN, EMERSON, VST SHAKTI, Kirloskar, woosu, Danfoss, Lotus Engineering, MARKS, Mahindra, JOHN DEERE, EATON, Marvelous Machinery, HODEK, myunghwa

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Machine Shop Division: Different Product lines are

ILJIN Line

ILJIN Line – Robotic Operation

EMERSON Line

DANFOSS Line

Photograph No. 1 : Machine Shop Division:

In this machine shop students observed different manufacturing processes such as turning, step turning, facing, grinding, drilling, chamfering etc. Also they observed working of advance machineries such as CNC's & VMC's.

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Inspection Facilities

CMM : Make- Mitutoyo, Model- CRT-AS7106, Size- X-700mm, Y-1000mm, Z-600mm

CMM : Make- Electronica, Model- RUBY CNC 564, Size- X-500mm, Y-600mm, Z-400mm

Auto Gauging Machine : Make – APPOLO

Profile Projector : Make- Innovative, Model- H-36, Size- X-200mm, Y-100mm

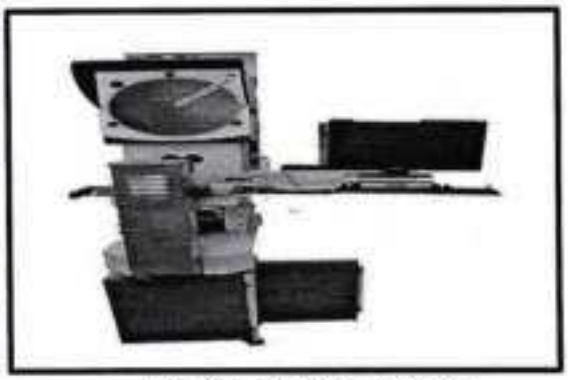
Contracer : Make- Mitutoyo, Model- CV-2100M4, Size- X-100mm,Z-50mm

Surface Taster : Make- Mitutoyo, Model- SJ-410, Size- 0 to 25mm

2D Height Gauge : Make- Trimos, Model- VT 600MO, Size- 0 to 600 mm

Tool Pre-Setter : Make- Zoller, Model- SMILE 420, Size- 0 to 420mm

CMM



Optical Profile Projector

Mitutoyo Surface Tester

2D Height Gauge

In this shop students observed different inspection / measuring instruments such as Height Gauge, Vernier Caliper, Optical profile projector, surface roughness tester, CMM etc.

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12.Specimen Industrial Visit with photos

Visit Photogrpahs :

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Visit Photogrpahs :

Conclusion :

An Industrial visit at New Melting Centre, Kushire was successfully completed by the students of Third Year Mechanical Engineering on 16th May 2023. During the visit students observed different manufacturing processes such as turning, step turning, facing, grinding, drilling, chamfering etc. Also they observed working of advance machineries such as CNC's & VMC's. In inspection section, students observed different inspection / measuring instruments such as Height Gauge, Vernier Caliper, Optical profile projector, surface roughness tester, CMM etc.

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Students Name & Signature

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

P.S. Patil

Faculty Signature

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EN 6315

Department of Mechanical Engineering

Date- 13/05/2023

To,

A G Technique & Solutions

M.I.D.C. Shiroli, (Gat No.34)

Dist : Kolhapur

Maharashtra - 416229

Subject: Regarding Permission for Industrial Visit

Respected Sir,

Our institute is established in 2009 in a view to impart engineering education to under graduate and post graduate students. Mechanical Engineering is one of the six programs run by the institute for under graduate students.

As per of the curriculum of Dr. Babasaheb Ambedkar Technological University Lonere (D.B.A.T.U.), for Third Year Mechanical Engineering students, an industrial visit is required. This will help students to visualize the knowledge about EDM and Wire EDm which they have gained under the course of "Manufacturing Process-II".

In this regard, we would like to visit your esteemed organization. So, you are kindly requested to permit our students to visit your company preferably on 16th March, 2023.

Thanking you.

P.S. Atigre

Prof. Praveen S. Atigre
Subject Incharge
Mechanical Engg. Department

Prof. Sardar B. Deshmukh
HOD
Mechanical Engg. Department

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Department of Mechanical Engineering

Date- 13/05/2023

NOTICE

All the students of Third Year Mechanical Engineering are hereby informed that, an Industrial Visit for the subject Manufacturing Process-II is arranged. The details are as follows.

Name of Company	A G Technique & Solutions
Location	Shiroli MIDC (Gat No.34) Dist : Kolhapur Maharashtra - 416122
Day & Date	Tuesday 16/05/2023
Timing	1.30 pm
Subject & Content	Manufacturing Process-II (EDM machining & Wire EDM)

Attendance is compulsory for all Third Year Students.

P.S.Atigre

Prof. Praveen S. Atigre
Subject Incharge
Mechanical Engg. Department

Prof. Sardar B. Deshmukh
HOD
Mechanical Engg. Department

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Department of Mechanical Engineering
Industrial Visit (Attendance)

Name of Company : A.G. Technique & Solution **Date & Time : 16/05/2023 (1:00 pm to 3:00 pm)**

Class: TY Mechanical **Academic Year : 2022-23 Sem-II**

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
1	KHOCHIKAR AHAD SAMAD		37	LOHAR DHIRAJ SHIVAJI	
2	KADAM NIKHIL BHIMRAO		38	JADHAV NIRANJAN JAYWANT	—
3	MANE PRADIP SHAMRAO		39	MHAMULKAR ABHIJIT HINDURAO	—
4	KUMBHAR PRANALI BABASAHEB		40	KHOT SWAPNIL SHASHIKANT	—
5	GUJAR PRANAV JOTIRAM	—	41	NAGARI DIPAK DEVENDRA	—
6	MAGDUM PRATHMESH SUDHIR		42	BHAT SAHIL PUNDALIK	—
7	KHOT SHUBHAM TUKARAM		43	BAWALE VISHWESH PRASANNA	—
8	SHETE SHUBHAM MARUTI		44	PATIL NIKHIL DNYANDEV	—
9	SHINDE SIDDHESH SUNIL		45	SAWRATKAR VISHAL UTTAM	—
10	BENDHALE SIDDHESH SANTOSH		46	TARALEKAR PRUTHVIRAJ CHANDRAKANT	
11	POWAR SOURAV SHASHIKANT	—	47	JARAG SIDDESH VIKRAM	—
12	NAIK SHRIDHAR YUVRAJ	—	48	SHINDE CHAITANYA DILIP	—
13	SHIKHARE PRAMOD GUNDA	—	49	KHADE ROHIT VISHWAS	—
14	SHIKHARE NILESH SHIVAJI	—	50	SATHAM DIGAMBAR SUNIL	—
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16	DHERE HARSH SATISH	—	52	GHATAGE SARADAR KRUSHNAT	—
17	DESAI VISHWAJEET VIKAS		53	BAGADI DHAIRYASHIL HINDURAO	—
18	KADAVEKAR ANIKET RAJENDRA		54	PATIL SUSHANT SANJAY	—
19	SAWANT SUNIL BHAGAWAN		55	WAIKAR RAHIL ANIS	—
20	KHOT VIVEK MADHUKAR		56	PATIL SHUBHAM RAGHUNATH	—
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23	JADHAV ALIAS MITHARI KAUSTUBH R.	—	59	KONDE SAMRUDDHI BABASAHEB	
24	GARAD NILESH JAYSING	—	60	WANGIKAR RUTUJA AAPPASO	—
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26	KAMBLE SHUBHAM BAJIRAO		62	CHOUGULE SUMIT MANOHAR	
27	BAHADURE NITIN AMBADAS	—	63	KU[illegible]SHIKESH[illegible]MDEV	

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EN 6315

Department of Mechanical Engineering

Industrial Visit (Attendance)

Name of Company : A.G. Technique & Solution

Date & Time : 16/05/2023 (1:00 pm to 3:00 pm)

Class: TY Mechanical

Academic Year : 2022-23 Sem-II

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
28	POPHALE YASH PRAVIN	—	64	SASWADE SHRIKANT ARUN	[signature]
29	MANE PAVAN MAHADEV	—	65	POWAR SHUBHAM SANJAY	—
30	SHINDE SAHIL NITIN	—	66	CHOUGULE SHIDHARTH SAMBHAJI	—
31	SAPALE GAURESH RAJESH	—	67	MULLA JUBER SAMEER	—
32	KATE RAJVARDHAN KAMALAKAR	[signature]	68	MOHITE VIVEK SHRIKANT	—
33	LOHAR PRATHAMESH MANIK	—	69	SHINDE PRATHAMESH BHAGAVAN	—
34	KADAM PRANAV JAGADISH	—	70	SATHE MAHESH SARJERAO	—
35	GURAV ROHIT HINDURAO	[signature]	71	PATIL VAIBAV RANGRAO	—
36	JAGDALE ABHISHEK VIJAY	—			—
		—		P.S. Patil	

Faculty Signature

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

Signature Not Verified
SANJEEV NATVAR JAIN
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Department of Mechanical Engineering
Industrial Visit (Attendance)

Name of Company : Ruturaj Wirecut Industries **Date & Time : 16/05/2023 (3:00 pm to 4:30 pm)**

Class: TY Mechanical **Academic Year : 2022-23 Sem-II**

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
1	KHOCHIKAR AHAD SAMAD		37	LOHAR DHIRAJ SHIVAJI	
2	KADAM NIKHIL BHIMRAO		38	JADHAV NIRANJAN JAYWANT	—
3	MANE PRADIP SHAMRAO		39	MHAMULKAR ABHIJIT HINDURAO	—
4	KUMBHAR PRANALI BABASAHEB		40	KHOT SWAPNIL SHASHIKANT	—
5	GUJAR PRANAV JOTIRAM	—	41	NAGARI DIPAK DEVENDRA	—
6	MAGDUM PRATHMESH SUDHIR		42	BHAT SAHIL PUNDALIK	—
7	KHOT SHUBHAM TUKARAM		43	BAWALE VISHWESH PRASANNA	—
8	SHETE SHUBHAM MARUTI		44	PATIL NIKHIL DNYANDEV	—
9	SHINDE SIDDHESH SUNIL		45	SAWRATKAR VISHAL UTTAM	—
10	BENDHALE SIDDHESH SANTOSH		46	TARALEKAR PRUTHVIRAJ CHANDRAKANT	
11	POWAR SOURAV SHASHIKANT	—	47	JARAG SIDDESH VIKRAM	—
12	NAIK SHRIDHAR YUVRAJ	—	48	SHINDE CHAITANYA DILIP	—
13	SHIKHARE PRAMOD GUNDA	—	49	KHADE ROHIT VISHWAS	—
14	SHIKHARE NILESH SHIVAJI	—	50	SATHAM DIGAMBAR SUNIL	—
15	DHERE SAURABH SATISH	—	51	PADALKAR ANIKET ASHOK	—
16	DHERE HARSH SATISH	—	52	GHATAGE SARADAR KRUSHNAT	—
17	DESAI VISHWAJEET VIKAS	—	53	BAGADI DHAIRYASHIL HINDURAO	—
18	KADAVEKAR ANIKET RAJENDRA		54	PATIL SUSHANT SANJAY	—
19	SAWANT SUNIL BHAGAWAN		55	WAIKAR RAHIL ANIS	—
20	KHOT VIVEK MADHUKAR		56	PATIL SHUBHAM RAGHUNATH	—
21	ARAB MOHMADSAAD ZAKIRHUSEN	—	57	NAGARJI ADIL KASAM	—
22	JADHAV OMKAR	—	58	SAVARE AKANKSHA AKARAM	
23	JADHAV ALIAS MITHARI KAUSTUBH R.	—	59	KONDE SAMRUDDHI BABASAHEB	
24	GARAD NILESH JAYSING	—	60	WANGIKAR RUTUJA AAPPASO	—
25	PATIL ANISH VASANT	—	61	KUMBHAR ABHIJEET VILAS	—
26	KAMBLE SHUBHAM BAJIRAO		62	[illegible] SUMIT MANOHAR	
27	BAHADURE NITIN AMBADAS	—		KHOT RU[illegible]SH NAMDEV	

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Department of Mechanical Engineering

Industrial Visit (Attendance)

Name of Company : Ruturaj Wirecut Industries

Date & Time : 16/05/2023 (3:00 pm to 4:30 pm)

Class: TY Mechanical

Academic Year : 2022-23 Sem-II

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
28	POPHALE YASH PRAVIN	—	64	SASWADE SHRIKANT ARUN	Shrikant
29	MANE PAVAN MAHADEV	—	65	POWAR SHUBHAM SANJAY	—
30	SHINDE SAHIL NITIN	—	66	CHOUGULE SHIDHARTH SAMBHAJI	—
31	SAPALE GAURESH RAJESH	—	67	MULLA JUBER SAMEER	—
32	KATE RAJVARDHAN KAMALAKAR	[illegible]	68	MOHITE VIVEK SHRIKANT	—
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36	JAGDALE ABHISHEK VIJAY	—			
				P.S. Ati	
				Faculty Signature	

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

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EN 6315

Department of Mechanical Engineering

Date- 16/05/2023

To,

A G Technique & Solutions

M.I.D.C. Shiroli, (Gat No.34)

Dist : Kolhapur

Maharashtra - 416229

Respected Sir,

We would like to extend our sincere thanks to you for providing an opportunity to visit your esteemed and reputed organization on 16th March 2023. We are glad to say that the response from the students was enthusiastic. The information presented by you is definitely useful to our students for enhancing their knowledge about EDM & Wire EDM Machining.

We genuinely thank you once again for the support and time given by you and we sincerely hope that you would continue to extend your valuable support in our future initiatives as well.

Thanking you.

A G Technique & Solutions

P.S.Atigre

Prof. Praveen S. Atigre
Subject Incharge
Mechanical Engg. Department

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

Prof. Sardar B. Deshmukh
HOD
Mechanical Engg. Department

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INDUSTRIAL VISIT REPORT

Class:	T.Y. Mechanical
Subject:	Manufacturing Process-II
Industry Visited:	**1 AG Technique & Solution**
	Address : M.I.D.C. Shiroli, (Gat No.34) Dist : Kolhapur - 416229 Maharashtra, India
	2 Ruturaj Wirecut Industries
	Address : Plot No. C-31, M. I. D. C., Near M. I. D. C., Police Station, Shiroli, Kolhapur-416122, Maharashtra, India
Day & Date:	Tuesday 16/05/2023
Time:	1:00 pm to 3:00 pm
Faculty Members:	Prof. Praveen S. Atigre

Introduction :

An Industrial visit at AG Technique & Solution & Ruturaj Wirecut Industries (M.I.D.C. Shiroli) was organized by Department of Mechanical Engineering for Third Year Students on 16th May 2023. The industrial visit was witnessed by students of the Third Year Class, who were accompanied by the faculty Mr. Praveen S. Atigre.

Aim of the Visit:

Industrial visit is considered as one of the tactical methods of bridging the gap between theoretical and practical knowledge. The main aim of industrial visit is to provide an exposure to the students about practical working environment. Industrial visits also provide students a good opportunity to gain full awareness about industrial practices and new technologies. Through this industrial visit, the efforts are taken by the department to provide an exposure and live demonstration to students about Wire EDM machining processes.

About the Company:

A) AG Technique & Solution Company: It is 11 years old company (Registered in 2012) which has gained immense expertise in offering electrical wire cutting works, machinery works for wire cutting, press tool dies etc to the clients. This company is located in Shiroli M.I.D.C. Kolhapur, Maharashtra.

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Basic Information of Company:

Nature of Business	Manufacturer (Wire EDM)
Company CEO	Mr. Ajay Govind Chikurdekar
Total Number of Employees	10
Year of Establishment	2012
Legal Status of Firm	Individual - Proprietor
Annual Turnover	Electrical Wire Cutting Works, Machinery Works For wire cutting of press tool, dies etc

B) Ruturaj Wirecut Industries

It is an ISO 9001-2000 company dedicated to the manufacturing of precision machined components, ferrous and non-ferrous castings, fabrication components, components for medical systems with the help of wire EDM & other machining facilities. This company was established in 1997 & it is located in Shiroli M.I.D.C. Kolhapur, Maharashtra.

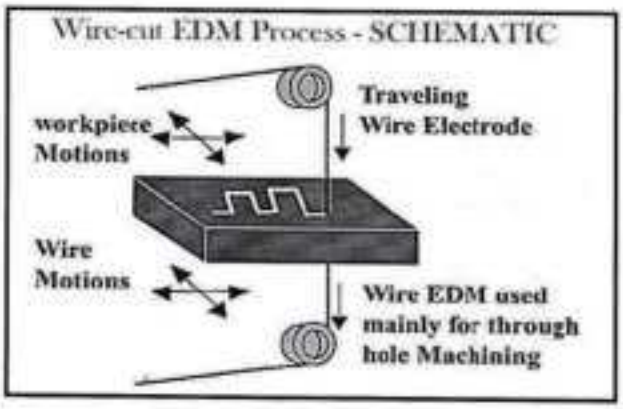
Nature of Business	Manufacturer
Company CEO	Mr. Srinivas Mane
Total Number of Employees	11 to 25 People
Year of Establishment	1997
Legal Status of Firm	Individual - Proprietor
Annual Turnover	Rs. 50 Lakh - 1 Crore

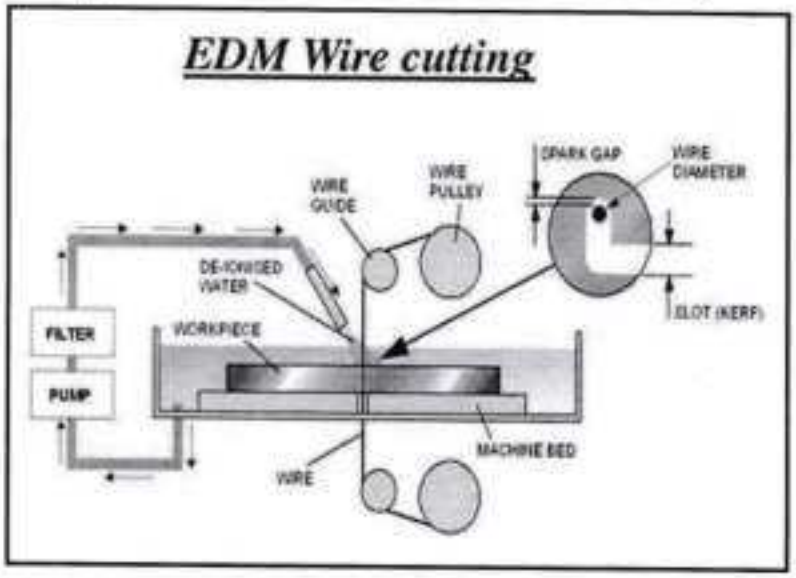
- **Introduction of Wire EDM:**

Wire EDM machining is an electro thermal production process where a thin single strand metal wire, along with de-ionized water (used to conduct electricity) allows the wire to cut through metal by the use of heat from electrical sparks, while preventing rust. Wire EDM machining works by creating an electrical discharge between the wire or the electrode and the work piece. As the spark jumps across the gap, material is then removed from the work piece and the electrode. Due to the inherent properties of the process, Wire EDM can easily machine complex parts and precision components out of hard conductive materials. To stop the sparking process from shorting out, a non-conductive fluid or dielectric is also used in the process. The waste

material is removed by the dielectric, and the process continues. A thin metallic wire is fed on-to the work piece, which is submerged in a tank of dielectric fluid such as deionized water. This process can also cut plates as thick as 300mm and is used for making punches, tools and dies from hard metals that are difficult to machine with other methods. The wire, which is constantly fed from a spool, is held between upper and lower diamond guides.

Guides are usually CNC-controlled and move in the x–y plane. On most machines, the upper guide can move independently in the axis, giving it a flexibility to cut tapered and transitioning shapes .Wires made of brass are generally preferred, (also uses copper or tungsten or brass coated and multi coated wires). Water helps in flushing away the debris from the cutting zone. Flushing also helps to determine the feed rates to be given for different thickness of the materials





Wire Cut EDM Machine

❖ Components of Wire EDM Machine

The machine comprises several parts that work together to give a material the desired shape. Below are the components of the machine.

1. CNC Tools

The CNC tools control the entire operation of the Wire EDM machining process. Controlling the entire operations include being in control of the sequencing of the wire path and being able to manage the cutting process automatically.

2. Power Supply

The power supply unit is the component that delivers pulses (from 100V to 300V) to the wire electrode and the work piece. Furthermore, it controls the frequency and strength of the electrical charges that pass through the wire electrode to interact with the workpiece. It is necessary to use a highly developed power supply unit to deliver the necessary quality and type of charges during Wire EDM machining.

3. Wire

The wire serves as the electrode to create the electrical discharge. The shape and thickness of the workpiece directly influence the wire's diameter. Typically, one can use wires with diameters ranging from 0.05 to 0.25mm. The main types of wires used include Brass Wires, Zinc Coated Wires, Diffusion-Annealed Wires.

To Choose the right wire we consider following points

- To choose the right EDM wire material for your project, consider the following
- Tensile Strength
- Fracture Resistance
- Conductivity
- Vaporization Temperature
- Hardness

4. Dielectric Medium

The wire-cut EDM process must be carried out in a tank filled with dielectric fluid. This liquid prevents the tiny particles from the workpiece from getting attached to the wire electrode. The most common medium is deionized water which cools the process and gives the workpiece a good surface finish.

5. Electrodes

The electrodes in the machine are the wire (cathode) and the workpiece (anode). The servo motor controls the wire electrode, ensuring it does not come in contact with the workpiece at any point during the wire EDM cutting process.

- **Process of Material Removal in Wire Cut EDM**

In the WEDM process, the motion of wire is slow. Wire is fed in the programmed path and material is cut/ removed from the work piece accordingly. Material removal takes place by a series of discrete discharges between the wire electrode and work piece in the presence of a di-electric fluid. Di-electric fluid gets ionized in between the tool-electrode gap thereby creating a path for each discharge. Area wherein discharge takes place gets heated to very high temperatures such that the surface gets melted and removed. Cut particles (debris) get flushed away by the continuously flowing dielectric fluid

- **Applications of Wire EDM:**
  - Aerospace, Medical, Electronics and Semiconductor applications
  - Tool & Die making industries.
  - For cutting the hard Extrusion Dies
  - In making Fixtures, Gauges & Cams
  - Cutting of Gears, Strippers, Punches and Dies
  - Manufacturing hard Electrodes.

Visit Photographs:

Visit at AG Technique & Solution **Visit at Ruturaj Wirecut Industries**

Live Demonstration of Wire Cut EDM

Conclusion :

An Industrial visit at AG Technique & Solution and Ruturaj Wirecut Industries was successfully completed by the students of Third Year Mechanical Engineering on 16th May 2023. During the visit students observed different parts & functioning of different parts of Wire Cut EDM machine. Also they observed the actual working of Wire Cut EDM machine.

Students Name & Signature

P.S. Ali 9

Faculty Signature

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Guest Lecture ,Workshop seminar conducted summary

ACADEMIC YEAR 2022-23

S.No	Name	Action taken	Date-MonthYear	Resource person with designation
1	Three days java programming workshop for SY,TY,Final Year B.tech.	Workshop	28/11/2022 To 30/11/2022	Mr.RohitPhote Director (Sparklab IT Solutions.Pvt.Td.)
2	First Year Department Training Program on Computer Hardware & Basic Components	Workshop	15/11/2022 To 18/11/2022	Mr.K.S.Jadhav System Analyst,SETI
3	Expert Talk on Opportunities to IT Industry for Graduates	Expert Lecture	14/11/2022	Mr. RavikantVemparle Senior Developer,Google LA,USA.
4	Guest Lecture on ToC	Guest Lecture	22/12/2022	Prof.T.V.Deokar D.Y.Patil COE ,Kolhapur
5	Guest Lecture on Distributed System for Final Year B.Tech.	Guest Lecture	22/12/2022	Prof.S.P.Patil A.D.C.E.T.,Ashta
6	Workshop On Life Skills	Workshop	13/3/2023 To 16/3/2023	Mr.ShashankSahay Trainer & Consultant

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HOD
Department of Computer Science & Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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3. Workshop conducted Summary

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Department of Mechanical Engineering

Academic Year 2022-23 Workshop Conducted Summary

Sr. No	Date	Details	Resource Person	Location	Faculty In charge
1	5-9th December 2022	One Week Workshop on Auto CAD	Mr. Ritosh Koli	Mechanical Department	Prof. P. S. Atigre
2	10th March 2023	Prototype and Process Design and Development	Dr. Suryakant Dodmise	CIBIC Kolhapur	Prof. P. S. Atigre
3	12th July 2023	Workshop ON SAP module	Mr. Soumitra Pawar	Mechanical Department	Prof. P. S. Atigre

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4. Workshop conducted reports with photos

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Department of Mechanical Engineering

Workshop On
"AutoCAD Software"

Guest / Trainer	Mr. Ritesh Koli
Organization	G.T.T. Foundation Pune
Topic	AutoCAD Software
Day and Date	5th December 2022 to 9th December 2022
Time	09:30 am To 1:30 pm.
Class	Second Year, Third Year & Final Year Mechanical Engineering
Venue / Location	Central Computer Facility (CCF Lab)
Organized By	Training & Placement Cell

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PRINCIPAL PERMISSION LETTER

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PANHALA
KOLHAPUR

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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

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EN 6315

Date- 01/12/ 2022

To,
The Principal,
S.E.T.I., Panhala.

Subject: - Regarding permission to arrange One Week Workshop on "AutoCAD Software" in association with GTT Pune for Mechanical Engineering Students (All Classes).

Respected Sir,

Our Central Training & Placement Cell is going to organize One Week Workshop on "AutoCAD Software" in association with GTT Pune for Mechanical Engineering Students (All Classes) by Mr. Ritesh Koli of G.T.T. Foundation Pune, from 05th December 2022 to 09th December 2022 (from 09:30 am to 1:30 pm). All students of Mechanical Engineering will get the advantage of this program.

So kindly allow our Training & Placement Cell to organize this program on above mentioned topic for the benefit of our students.

Dr. Ajay K. Maske
Director – Corporate Communication
Training & Placement Cell
S.E.T.I. Panhala

Permitted to conduct
2/12/22

TRAINING & PLACEMENT CELL SETI PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

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GUEST INVITATION LETTER

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KOLHAPUR

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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

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Date- 01/12/2022

To,
Mr. Ritesh Koli
G.T.T. Foundation,
Pune.

Subject- Invitation as a Trainer for One Week Workshop on "AutoCAD Software" for Mechanical Engineering Students.

Dear Sir / Madam,

Our Institute is established in 2009 in a view to impart engineering education to Under Graduate (UG) & Post Graduate (PG) Students. We wish to arrange One Week Workshop on "AutoCAD Software" for Mechanical Engineering Students (All Classes). This will include sessions on 2D drafting, 3D Drafting & various commands in AutoCad Software. This program will be helpful for our Mechanical Engineering Students from their career point of view.

We would like to invite you to deliver your knowledge in the above mentioned field & address our students from **05th December 2022 to 09th December 2022.**

Thanking you…

Yours faithfully,

Dr. Ajay K. Maske
Director – Corporate Communication
Training & Placement Cell
S.E.T.I. Panhala

TRAINING & PLACEMENT CELL SETI PANHALA

Received

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GUEST THANKING LETTER

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SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE PANHALA KOLHAPUR

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Date: 09/12 /2022

To,
Mr. Ritesh Koli
G.T.T. Foundation,
Pune.

Dear Sir,

We would like to extend our sincere thanks to you for delivering series of lectures & hands on training in **One Week Workshop on "AutoCAD Software"** for Mechanical Engineering Students. We are glad to say that the response from the students was enthusiastic. The information presented by you is definitely beneficial to our students for their career enhancement.

We genuinely thank you once again for the support and time given by you and we sincerely hope that you would continue to extend your valuable support in our future initiatives as well.

Thanking you.

Dr. Ajay K. Maske
Director – Corporate Communication
Training & Placement Cell
S.E.T.I. Panhala

TRAINING & PLACEMENT CELL SETI PANHALA

Received

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Somwar Peth, Panhala, Dist. Kolhapur. (MS)

CENTRAL T&P CELL

NOTICE

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SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE PANHALA KOLHAPUR

Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur- 416 201
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Website : www.seti.edu.in Email : office@seti.edu.in / admission@seti.edu.in **EN 6315**

Date: 01/12/2022

NOTICE

This is for the information of Training & Placement Coordinator of Mechanical Engineering Department that, there is One Week Workshop on "AutoCAD Software" for Mechanical Engineering Students. The details are as follows:

Guest	Mr. Ritesh Koli
Organization	G.T.T. Foundation Pune
Topic	AutoCAD Software
Day and Date	05th December 2022 to 09th December 2022.
Time	09:30 am To 1:30 pm
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech)
Venue	Central Computer Facility (C.C.F.)

Kindly inform the students about this Workshop.

Note : Attendance is mandatory for all Mechanical Engineering Students.

P.I. Alige
01/12/2022
Noted

Dr. Ajay K. Maske
Director – Corporate Communication
Training & Placement Cell
S.E.T.I. Panhala

TRAINING & PLACEMENT CELL SETI PANHALA

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Department of Mechanical Engineering

Date: 01/12/2022

NOTICE

All the students of Mechanical Engineering Department are hereby informed that, there is One Week Workshop on "AutoCAD Software" organized by Training & Placement Cell. The details are as follows:

Topic	AutoCAD Software
Guest	Mr. Ritesh Koli
Organization	G.T.T. Foundation Pune
Date	05th December 2022 to 09th December 2022.
Time	09:30 am To 1:30 pm
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech)
Venue	Central Computer Facility (C.C.F.)

Attendance is mandatory for all students.

P.S.Atigre 01/12/22

Prof. P.S.Atigre
Training & Placement Coordinator
Mechanical Engineering Department

Prof. Sardar B. Deshmukh
HOD
Mechanical Engineering Department
HOD
Mechanical Engineering
Sanjeevan Engg. & Tech.Institute Panhala

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

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KOLHAPUR

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Department of Mechanical Engineering

One Week Workshop on "AutoCAD Software"

(5th December 2022 To 09th December 2022)

ATTENDANCE

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

Class: S.Y. Mechanical

A.Y. 2022-23 Sem-I

Time : 09:30 am To 01:30 pm

	Sr. No	Name of Student	Day 1 Monday, 5th December 2022	Day 2 Tuesday, 6th December 2022	Day 3 Wednesday, 7th December 2022	Day 4 Thursday, 8th December 2022	Day 5 Friday, 9th December 2022
	1	Virendra Rajaram Kadam	Kadam	Kadam	Kadam	Kadam	Kadam
	2	manav Anand kamble	Kamble	Kamble	Kamble	Kamble	Kamble
	3	Kiran Bharat Patil	Patil	Patil	Patil	Patil	Patil
	4	Suraj Dhanaji Kadam	Kadam	Kadam	Kadam	Kadam	Kadam
	5	YADAV BHARAT JAYSING	—	—	—	—	—
(DSE)	6	Sakshi sadashiv Nalawade	Nalawade	Nalawade	Nalawade	Nalawade	Nalawade
	7	Patil Amruta Ashok.	Patil	Patil	Patil	Patil	Patil
	8	Chavan Suraj Rangrao	Chavan	Chavan	Chavan	Chavan	Chavan
	9	Gaikwad Jitendra Pramod	—	—	—	—	—
	10	Patil Prathamesh Dinkar	Patil	Patil	—	Patil	Patil
	11	Naik Rohan Gajanan	Naik	Naik	Naik	—	Naik
(DSE)	12	Sushant Sanjay Lad	Lad	Lad	Lad	Lad	Lad
(DSE)	13	Aman Imtiyaj Desai	Desai	Desai	Desai	Desai	Desai
(DSE)	14	Shubham Anil Desai	Desai	Desai	Desai	Desai	Desai
(DSE)	15	Sanket Dilip Raut	Raut	Raut	Raut	Raut	Raut
(DSE)	16	Sohan Namdev Powar	Powar	Powar	Powar	Powar	Powar

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Class: S.Y. Mechanical

A.Y. 2022-23 Sem-I

Time : 09:30 am To 01:30 pm

Sr. No	Name of Student	Day 1 Monday, 5th December 2022	Day 2 Tuesday, 6th December 2022	Day 3 Wednesday, 7th December 2022	Day 4 Thursday, 8th December 2022	Day 5 Friday, 9th December 2022
17	Abhijeet Vitthal chougale	Bhaugale	Bhaugale	—	Bhaugale	Bhaugale
18	Swaroop Ashok Patil	Stuti	Stuti	Stuti	Stuti	Stuti
19	Abhishek Rakesh Ghorpade	Ghorpade	Ghorpade	Ghorpade	Ghorpade	Ghorpade
20	Yash Jaywant Sarnobat	Yashwant	Yashwant	Yashwant	Yashwant	Yashwant
21	Sawand Vikram Raghunath	Kad	Kad	—	Kad	Kad
22	Piyush Dadaso Bansode	—	Bansode	Bansode	Bansode	Bansode
23	Ranoji Chetan Patil	—	Repatil	Repatil	Repatil	—
24	Yashraj Sardar Patil	Yashraj	Yashraj	Yashraj	Yashraj	Yashraj
25	Ravindra Babaso Phokale	Ravi	Ravi	Ravi	Ravi	Ravi
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MECHANICAL ENGINEERING DEPT. SETI PANHALA

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Department of Mechanical Engineering

One Week Workshop on "AutoCAD Software"

(5th December 2022 To 09th December 2022)

ATTENDANCE

Class: S.Y. Mechanical

A.Y. 2022-23 Sem-I

Time : 09:30 am To 01:30 pm

Sr. No	Name of Student	Day 1	Day 2	Day 3	Day 4	Day 5
		Monday, 5th December 2022	Tuesday, 6th December 2022	Wednesday, 7th December 2022	Thursday, 8th December 2022	Friday, 9th December 2022
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MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

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Total 25 Present out of 60 Students

Department of Mechanical Engineering

One Week Workshop on "AutoCAD Software"

(5th December 2022 To 09th December 2022)

ATTENDANCE

Class: S.Y. Mechanical

A.Y. 2022-23 Sem-I

Time : 09:30 am To 01:30 pm

Sr. No	Name of Student	Day 1	Day 2	Day 3	Day 4	Day 5
		Monday, 5th December 2022	Tuesday, 6th December 2022	Wednesday, 7th December 2022	Thursday, 8th December 2022	Friday, 9th December 2022
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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur (MS)

P.S.Atigre 7/12/2022
Prof. P.S.Atigre
Training & Placement Coordinator
Mechanical Engineering Department

SETI PANHALA

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Prof. Sardar B. Deshmukh
HOD
Mechanical Engineering Department

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Department of Mechanical Engineering

One Week Workshop on "AutoCAD Software"

(5th December 2022 To 09th December 2022)

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

SETI PANHALA MECHANICAL ENGINEERING

ATTENDANCE

A.Y. 2022-23 Sem-I

Class: T.Y. Mechanical

Time : 09:30 am To 01:30 pm

Roll No.	PRN. No.	Name of Student	Day 1 Monday, 5th December 2022	Day 2 Tuesday, 6th December 2022	Day 3 Wednesday, 7th December 2022	Day 4 Thursday, 8th December 2022	Day 5 Friday, 9th December 2022
1	2063151612001	KHOCHIKAR AHAD SAMAD		—			
2	2063151612002	KADAM NIKHIL BHIMRAO					
3	2063151612003	MANE PRADIP SHAMRAO					
4	2063151612004	KUMBHAR PRANALI BABASAHEB					
5	2063151612005	GUJAR PRANAV JOTIRAM	—				
6	2063151612006	MAGDUM PRATHMESH SUDHIR					
7	2063151612007	KHOT SHUBHAM TUKARAM					
8	2063151612008	SHETE SHUBHAM MARUTI					
9	2063151612009	SHINDE SIDDHESH SUNIL					
10	2063151612010	BENDHALE SIDDHESH SANTOSH					
11	2163151612501	POWAR SOURAV SHASHIKANT					
12	2163151612502	NAIK SHRIDHAR YUVRAJ	—	—	—	—	—
13	2163151612503	SHIKHARE PRAMOD GUNDA	—	—	—	—	—
14	2163151612504	SHIKHARE NILESH SHIVAJI	—	—	—	—	—
15	2163151612505	DHERE SAURABH SATISH	Sauraboh	Sauraboh	Sauraboh	Sauraboh	Sauraboh

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Department of Mechanical Engineering

One Week Workshop on "AutoCAD Software"

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ATTENDANCE

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (M.S.)

Class: T.Y. Mechanical

A.Y. 2022-23 Sem-I

Time : 09:30 am To 01:30 pm

Roll No.	PRN. No.	Name of Student	Day 1	Day 2	Day 3	Day 4	Day 5
			Monday, 5th December 2022	Tuesday, 6th December 2022	Wednesday, 7th December 2022	Thursday, 8th December 2022	Friday, 9th December 2022
16	2163151612506	DHERE HARSH SATISH	—	HARSH	HARSH	HARSH	HARSH
17	2163151612507	DESAI VISHWAJEET VIKAS	Vjdesai	Vjdesai	—	—	Vjdesai
18	2163151612508	KADAVEKAR ANIKET RAJENDRA	KAR	KAR	KAR	KAR	KAR
19	2163151612509	SAWANT SUNIL BHAGAWAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	2163151612510	KHOT VIVEK MADHUKAR	—	V.M.Khot	V.M.Khot	V.M.Khot	V.M.Khot
21	2163151612511	ARAB MOHMADSAAD ZAKIRHUSEN	[illegible]	—	[illegible]	[illegible]	[illegible]
22	2163151612512	JADHAV OMKAR	Ojadhav	—	Ojadhav	Ojadhav	—
23	2163151612513	JADHAV ALIAS MITHARI KAUSTUBH RAJENDRA	KRjadhav	KRjadhav	KRjadhav	KRjadhav	KRjadhav
24	2163151612514	GARAD NILESH JAYSING	—	—	—	—	—
25	2163151612515	PATIL ANISH VASANT	Apatil	Apatil	Apatil	Apatil	Apatil
26	2163151612516	KAMBLE SHUBHAM BAJIRAO	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	2163151612517	BAHADURE NITIN AMBADAS	—	—	—	—	—
28	2163151612518	POPHALE YASH PRAVIN	—	—	—	—	—
29	2163151612519	MANE PAVAN MAHADEV	—	—	—	—	—
30	2163151612520	SHINDE SAHIL NITIN	Shinde	—	Shinde	Shinde	—

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

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Department of Mechanical Engineering

One Week Workshop on "AutoCAD Software"

(5th December 2022 To 09th December 2022)

ATTENDANCE

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur

Class: T.Y. Mechanical

A.Y. 2022-23 Sem-I

Time : 09:30 am To 01:30 pm

Roll No.	PRN. No.	Name of Student	Day 1	Day 2	Day 3	Day 4	Day 5
			Monday, 5th December 2022	Tuesday, 6th December 2022	Wednesday, 7th December 2022	Thursday, 8th December 2022	Friday, 9th December 2022
31	2163151612521	SAPALE GAURESH RAJESH	—				
32	2163151612522	KATE RAJVARDHAN KAMALAKAR				—	
33	2163151612523	LOHAR PRATHAMESH MANIK	—	—	—	—	—
34	2163151612524	KADAM PRANAV JAGADISH					
35	2163151612525	GURAV ROHIT HINDURAO			—		
36	2163151612526	JAGDALE ABHISHEK VIJAY					—
37	2163151612527	LOHAR DHIRAJ SHIVAJI	—	—	—	—	—
38	2163151612528	JADHAV NIRANJAN JAYWANT		—			
39	2163151612529	MHAMULKAR ABHIJIT HINDURAO	—	—	—	—	—
40	2163151612530	KHOT SWAPNIL SHASHIKANT	—	—	—	—	—
41	2163151612531	NAGARI DIPAK DEVENDRA					
42	2163151612532	BHAT SAHIL PUNDALIK					
43	2163151612533	BAWALE VISHWESH PRASANNA					—
44	2163151612534	PATIL NIKHIL DNYANDEV				—	
45	2163151612535	SAWRATKAR VISHAL UTTAM	—		—	—	—

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46	2163151612536	TARALEKAR PRITHVIRAJ CHANDRAKANT	Taralekar	Taralekar	—	Taralekar	Taralekar
47	2163151612537	JARAG SIDDESH VIKRAM	J. Sidd	J. Sidd	[illegible]	[illegible]	[illegible]
48	2163151612538	SHINDE CHAITANYA DILIP	—	—	Shinde	Shinde	Shinde
49	2163151612539	KHADE ROHIT VISHWAS	Khade	Khade	Khade	Khade	Khade
50	2163151612540	SATHAM DIGAMBAR SUNIL	Satham	—	Satham	Satham	Satham
51	2163151612541	PADALKAR ANIKET ASHOK	—	—	—	—	—
52	2163151612542	GHATAGE SARADAR KRUSHNAT	Ghatage	Ghatage	—	Ghatage	Ghatage
53	2163151612543	BAGADI DHANYASHIL HINDURAO	[illegible]	[illegible]	—	[illegible]	[illegible]
54	2163151612544	PATIL SUSHANT SANJAY	SSP	—	SSP	SSP	SSP
55	2163151612545	WAIKAR RAHIL ANIS	—	—	—	—	—
56	2163151612546	PATIL SHUBHAM RAGHUNATH	—	—	—	—	—
57	2163151612547	NAGARJI ADIL KASAM	—	—	—	—	—
58	2163151612548	SAVARE AKANKSHA AKARAM	Savare	Savare	Savare	Savare	Savare
59	2163151612549	KONDE SAMRUDDHI BABASAHEB	Konde	Konde	Konde	Konde	Konde
60	2163151612550	WANGIKAR RUTUJA AAPPASO	—	—	—	—	—

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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

Class: T.Y. Mechanical

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Time : 09:30 am To 01:30 pm

Roll No.	PRN. No.	Name of Student	Day 1	Day 2	Day 3	Day 4	Day 5
			Monday, 5th December 2022	Tuesday, 6th December 2022	Wednesday, 7th December 2022	Thursday, 8th December 2022	Friday, 9th December 2022
61	2163151612551	KUMBHAR ABHIJEET VILAS	AVKumbhar	AVKumbhar	AVKumbhar	AVKumbhar	AVKumbhar
62	2163151612552	CHOUGULE SUMIT MANOHAR	Smle	Smle	Smle	Smle	Smle
63	2163151612553	KHOT RUSHIKESH NAMDEV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
64	2163151612554	SASWADE SHRIKANT ARUN	Shrikant	Shrikant	Shrikant	Shrikant	Shrikant
65	2163151612555	POWAR SHUBHAM SANJAY	—	—	—	—	—
66	2163151612556	CHOUGULE SHIDHARTH SAMBHAJI	—	—	—	—	—
67	2163151612557	MULLA JUBER SAMEER	—	—	—	—	—
68	2163151612558	MOHITE VIVEK SHRIKANT	vmohite	vmohite	vmohite	vmohite	vmohite
69	2163151612559	SHINDE PRATHAMESH BHAGAVAN	Shinde	Shinde	Shinde	Shinde	Shinde.
70	2163151612560	SATHE MAHESH SARJERAO	—	—	—	—	—

P.S. Atigre

Prof. P.S.Atigre
Training & Placement Coordinator
Mechanical Engineering Department

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Prof. Sardar B. Deshmukh
HOD
Mechanical Engineering Department

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EN 6315

Department of Mechanical Engineering

One Week Workshop on "AutoCAD Software"

(5th December 2022 To 09th December 2022)

PRINCIPAL
Sanjeevan Eng. & Tech. Institute
Somwar Peth, Injoli, Dist. Kolhapur. (MS)

ATTENDANCE

Class: B.Tech. Mechanical (Final Year)

A.Y. 2022-23 Sem-I

Time : 09:30 am To 01:30 pm

Roll No.	PRN. No.	Name of Student	Day 1	Day 2	Day 3	Day 4	Day 5
			Monday, 5th December 2022	Tuesday, 6th December 2022	Wednesday, 7th December 2022	Thursday, 8th December 2022	Friday, 9th December 2022
1	1963151612009	BHOSALE SONALI SHIVAJI	SSBhosale	SSBhosale	SSBhosale	SSBhosale	SSBhosale
2	1963151612010	PATIL TEJAS SHAMRAO	Patil	Patil	Patil	—	Patil
3	1963151612026	SHINDE OMKAR SURESH	—	—	—	—	—
4	1963151612030	SHINDE KEDAR RAMESH	—	—	—	—	—
5	1963151612052	SANKPAL KAMLESH PRAKASH	Kamlesh	Kamlesh	—	Kamlesh	Kamlesh
6	1963151612056	PATIL VAIBHAV UTTAM	Vaibhav	Vaibhav	Vaibhav	—	Vaibhav
7	1963151612065	MUGDAR RAHUL NIESH	[illegible]	[illegible]	[illegible]	—	[illegible]
8	2063151612019	JADHAV SANKET SANJAY	संकेत	संकेत	संकेत	संकेत	संकेत
9	2063151612020	SAWANT RUSHIRAJ RAJENDRA	—	—	—	—	—
10	2063151612021	PAWAR OMKAR BHAGAWAN	—	—	—	—	—
11	2063151612022	KASHID SNEHAL SUNIL	Kashid	Kashid	Kashid	Kashid	—
12	2063151612023	POWAR RAHUL GANAPATI	Powar	—	Powar	Powar	Powar
13	2063151612024	MUJAWAR ASIF SHABBIR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	2063151612025	JANGAM SANKET ASHOK	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	2063151612026	PATIL SOURAV SANJAY	—	—	—	—	—
16	2063151612027	PATIL RAHUL MAHADEV	[illegible]	—	—	[illegible]	[illegible]

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Department of Mechanical Engineering

One Week Workshop on "AutoCAD Software"

(5th December 2022 To 09th December 2022)

ATTENDANCE

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

Class: B.Tech. Mechanical (Final Year)

A.Y. 2022-23 Sem-I

Time : 09:30 am To 01:30 pm

Roll No.	PRN. No.	Name of Student	Day 1 Monday, 5th December 2022	Day 2 Tuesday, 6th December 2022	Day 3 Wednesday, 7th December 2022	Day 4 Thursday, 8th December 2022	Day 5 Friday, 9th December 2022
17	2063151612028	PATIL SAURABH PANDIT			—		—
18	2063151612030	PATIL AVADHUT RAGHUNATH					
19	2063151612031	MANE SUNIL VISHAVNATH	—	—	—	—	—
20	2063151612032	SAKATE AJAY SANJAY					
21	2063151612033	BHOSALE SATYAMRAJE PANDITRAO					
22	2063151612035	NAIK PRASANNA PRAKASH				—	
23	2063151612037	DALVI SIDDHESH DHANAJI			—		
24	2063151612038	CHAVAN SAIPRASAD MADHUKAR					
25	2063151612039	MUJAWAR NAWAJSHARIF MOULA	—	—	—	—	—
26	2063151612040	MELAKERI SHRIDHAR BASAPPA	—	—	—	—	—
27	2063151612041	PATIL SHUBHAM RAGHUNATH				—	
28	2063151612042	PATIL PRASHANT ISHWARA					—
29	2063151612043	SHINDE PRANAY BABURAO					
30	2063151612044	JADHAV SAGAR MAHIPATI					
31	2063151612045	PATIL GAURAV KRISHNAT	—		—	—	—
32	2063151612046	POWAR SURAJ SANJAY					

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Department of Mechanical Engineering

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(5th December 2022 To 09th December 2022)

ATTENDANCE

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Sanjeevan Engg. & Tech. Institute
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A.Y. 2022-23 Sem-I

Class: B.Tech. Mechanical (Final Year)

Time : 09:30 am To 01:30 pm

Roll No.	PRN. No.	Name of Student	Day 1 Monday, 5th December 2022	Day 2 Tuesday, 6th December 2022	Day 3 Wednesday, 7th December 2022	Day 4 Thursday, 8th December 2022	Day 5 Friday, 9th December 2022
33	2063151612047	KOINGADE MAHESH DILIP ALIAS DIPAK	—	—	—	—	—
34	2063151612048	BOLAVE VINAYAK BALU	—	—	—	—	—
35	2063151612049	CHAVAN SUSHANT BAJRANG	—	—	—	—	—
36	2063151612050	MUJAWAR ARSHAD KARIMBAKSH	—	—	—	—	—
37	2063151612051	MALI ROHIT RAMRAO	Bmali	Bmali	Bmali	Bmali	Bmali
38	2063151612053	GAIKWAD TUSHAR MAHENDRA	—	—	—	—	—
39	2063151612054	PATIL GOURAV SANJAY	—	—	—	—	—
40	2063151612055	BIDKAR SHUBHAM APPASAHEB	—	—	—	—	—
41	2063151612056	MAHADIK ADITYA ATUL					
42	2063151612057	THOMBARE SOURABH UDAY					
43	2063151612062	DEVANE RAGHVENDRA SADASHIV					
44	2063151612063	GAIKWAD NETRA GAJANAN					

P.S.Atigre

Prof. P.S.Atigre
Training & Placement Coordinator
Mechanical Engineering Department

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ACTIVITY REPORT

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EN 6315

Report Date: 09/12/2022

On

One Week Workshop on "AutoCAD Software"

In Association with G.T.T Pune

1. **Title of Workshop :** AutoCAD Software
2. **Date of Workshop:** 5th to 9th December 2022 (From 9:30 am to 1:30 pm)
3. **Kind of Activity:** Hands on Training / Hands on Experience
4. **Organized By :** T&P Cell of Mechanical Engineering Department in Collaboration with Central T&P Cell
5. **Collaborating Agency :** G.T.T. Foundation Pune
6. **Resource Person /Trainer:** Mr. Ritesh Koli
7. **Objectives of the Workshop:**

The objective of this workshop is to provide the training to the students about using the basic commands and tools necessary for professional 2D & 3D drawing, design and drafting using AutoCAD. After completing this workshop students will be able to:

a. Understand various creating and editing commands in AutoCAD
b. Use AutoCAD for creating 2D & 3D drawings.
c. Understand the concept and techniques to draw.
d. Create multiple designs using several tools.
e. Explain drawing using annotations.
f. Plot or print the drawing by scale.

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8. **Place of Activity (venue):** Central Computer Facility (C.C.F.)
9. **Number of Participants:** Total 80 students participated
10. **Participants from:** Students from Mechanical Engineering Department (S.Y.Mechanical, T.Y. Mechanical, B.Tech Mechanical)

11. Workshop Discussions & Hans on Training On :

Day 1 Monday (05/12/2022)	**Introduction** CAD DESK, AutoCAD, GUI, Commands, use of mouse and keyboard, File extensions, Limit (LI),units (UN), selection, Views **2D Drafting** Drawing Toolbar - Point (Po), Co-ordinate systems, Various Commands such as Line (L), Circle (C), Ellipse (EL), Arc (A), Polygon (POL), Rectangle (REC) **Practical Tutorials on Above**
Day 2 Tuesday (06/12/2022)	**Drafting Setting Toolbar** Infer constraint (INFE), Snap (F9), Grid (F7),Ortho (F8), Polar (F10), Object Snap (F3),3D object Snap (F4), Object Track (F11),Dynamic UCS (F6), Dynamic Input (F12),Line weight, Quick property, selection cycle **Modifying Toolbar** Move (M), Rotate (RO), Scale (SC), Erase (E), Copy (CO), Mirror (MI), Trim (TR), Extend (EX),Explode (X), Stretch (S), Offset (O), Array (AR), Fillet (F), Chamfer (CHA) **Practical Tutorials on Above**
Day 3 Wednesday (07/12/2022)	**Annotation** Single line text (DT),multi-line text (T), Dimensions (Q dim), multi leader (MLD), Table (TB)Styles Managers– Text Style (ST),Dimension style (D), Multi leader style (MLS), Table Style (TS) **Practical Tutorials on Above** **Includes Orthographic Projection, Section Views etc**
Day 4 Thursday (08/12/2022)	**Layer** Layer Property manager (LA),Layer Isolation (LAISO), Layer Unisolation (LAUNISO) Block– MakeBlock (B), Insert Block (I),Dynamic Input, Block Attribute Properties – Object Color, Line weight(LW), Line type (LT), List (LI), Match Property (MA) Filter(FI) **Practical Tutorials on Above** **Includes Orthographic Projection, Section Views, etc.**
Day 5 Friday (09/12/2022)	**Plotting** Printing setting, Layout, Import, Export **Introduction** View manager, Visual style, 3D Modeling Solid Editing toolbar, Modifying toolbar, Material, Lights, Camera, Render **Practical Tutorials on Above**

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12. Photographs: One Week Workshop on "AutoCAD Software"

Inauguration Function at Class Room No: 209

(Mechanical Engineering Department)

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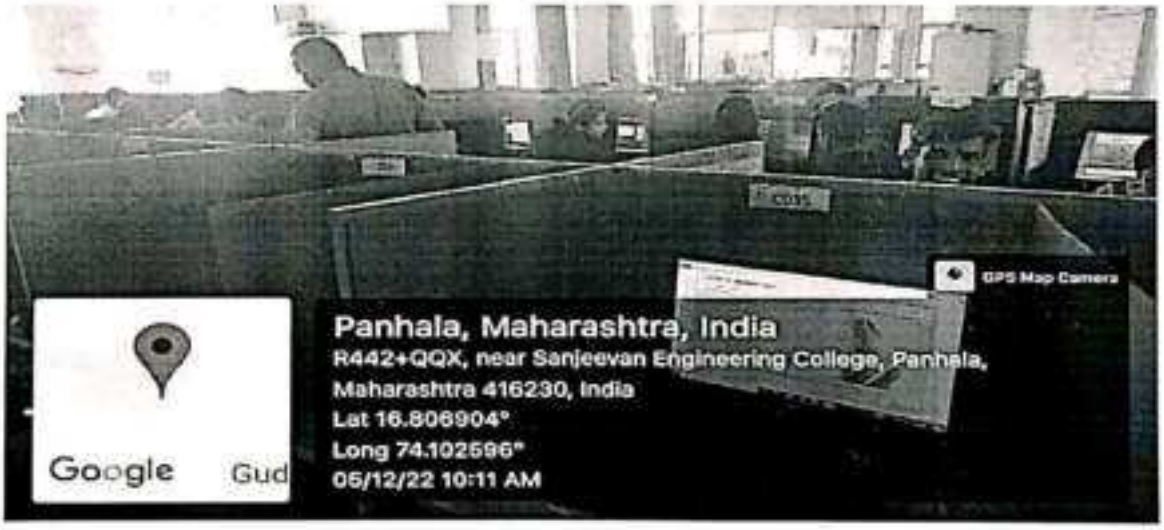
Hands on Training / Hands on Experience (AutoCAD Software)



P.S. Atigre
09/12/2022

Prof. Praveen S. Atigre
(T & P Coordinator)
Report Prepared By

Prof. Sardar B. Deshmukh
HOD
Mechanical Engineering Department
Sanjeevan Engg. & Tech. Institute Panhala

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FEEDBACK OF THE STUDENTS

- **Student feedback was collected using a Google Form**
- **Google Form Link:**

https://forms.gle/A2x4ctpfdwRq2Wn78

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DEPARTMENT OF MECHANICAL ENGINEERING

Feedback Form for One Week Workshop on "AutoCAD Software" Organized By Training & Placement Cell In Association with GTT Foundation Pune From 05th December to 09th December 2022 [Trainer : Mr. Ritesh Koli]

Email *

suraj1940@gmail.com

Name of the Student *

Suraj Rangrao Chavan

Mobile Number of the Student *

7558521940

Class of the Student *

- (●) Second Year Mechanical (S.Y.B.Tech)
- ( ) Third Year Mechanical (T.Y.B.Tech)
- ( ) Final Year Mechanical (B.Tech)

Roll Number of the Student *

3

1 The objectives of the Workshop were clearly defined. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

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2 The Workshop objectives were met. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

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3 The trainer was knowledgeable about the training topics *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

4 The trainer was well prepared *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

5 The content was organized and easy to follow *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

6 The quality of instructions were good *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

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7 The materials distributed were pertinent and useful *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

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8 Adequate time was provided for questions and discussion. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

9 Participation and interaction were encouraged. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

10 The time allotted for the hands on training & for practice was sufficient *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

11 This workshop met my expectations *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

12 I will be able to apply the knowledge learned. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

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13 This Workshop will be useful for me to develop my career as Design Engineer *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

14 I would be interested in attending an advanced workshop / programs on this same subject *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

15 The meeting room and facilities were adequate and comfortable *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

Overall rating for this program? *

- [ ] Very Poor
- [ ] Poor
- [ ] Average
- [ ] Good
- [x] Excellent

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Please share other comments or expand your views on previous responses here: *

Good experience

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Google Forms

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DEPARTMENT OF MECHANICAL ENGINEERING

Feedback Form for One Week Workshop on "AutoCAD Software" Organized By Training & Placement Cell In Association with GTT Foundation Pune From 05th December to 09th December 2022 [Trainer : Mr. Ritesh Koli]

Email *

anishvpatil123@gmail.com

Name of the Student *

Anish Vasant Patil

Mobile Number of the Student *

9527031312

Class of the Student *

- ○ Second Year Mechanical (S.Y.B.Tech)
- ◉ Third Year Mechanical (T.Y.B.Tech)
- ○ Final Year Mechanical (B.Tech)

Roll Number of the Student *

25

1 The objectives of the Workshop were clearly defined. *

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☑ Agree
- ☐ Strongly Agree

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2 The Workshop objectives were met. *

- ☐ Strongly Disagree
- ☐ Disagree
- ☐ Neutral
- ☑ Agree
- ☐ Strongly Agree

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3 The trainer was knowledgeable about the training topics. *

- [ ] Strongly Disagree
- [ ] Disagree
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4 The trainer was well prepared. *

- [ ] Strongly Disagree
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- [ ] Agree
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- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

6 The quality of instructions were good. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

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7 The materials distributed were pertinent and useful. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
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- [ ] Strongly Disagree
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12 I will be able to apply the knowledge learned. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

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13 This Workshop will be useful for me to develop my career as Design Engineer *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

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- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

15 The meeting room and facilities were adequate and comfortable *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [ ] Agree
- [x] Strongly Agree

Overall rating for this program? *

- [ ] Very Poor
- [ ] Poor
- [ ] Average
- [ ] Good
- [x] Excellent

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Please share other comments or expand your views on previous responses here: *

Good intentions

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SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE PANHALA
DEPARTMENT OF MECHANICAL ENGINEERING

Feedback Form for One Week Workshop on "AutoCAD Software" Organized By Training & Placement Cell in Association with GTT Foundation Pune From 05th December to 09th December 2022 [Trainer Mr Ritesh Koli]

Email *

sanketjangam555@gmail.com

Name of the Student *

Sanket Ashok Jangam

Mobile Number of the Student *

9130318285

Class of the Student *

- ( ) Second Year Mechanical (S.Y.B.Tech)
- ( ) Third Year Mechanical (T.Y.B.Tech)
- (•) Final Year Mechanical (B.Tech)

Roll Number of the Student *

14

1 The objectives of the Workshop were clearly defined. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

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2 The Workshop objectives were met. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

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3 The trainer was knowledgeable about the training topics. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

4 The trainer was well prepared. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

5 The content was organized and easy to follow. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

6 The quality of instructions were good. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

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7 The materials distributed were pertinent and useful. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

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8 Adequate time was provided for questions and discussion. *

- [x] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

9 Participation and interaction were encouraged. *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

10 The time allotted for the hands on training & for practice was sufficient *

- [ ] Strongly Disagree
- [ ] Disagree
- [x] Neutral
- [ ] Agree
- [ ] Strongly Agree

11 This workshop met my expectations *

- [ ] Strongly Disagree
- [ ] Disagree
- [x] Neutral
- [ ] Agree
- [ ] Strongly Agree

12 I will be able to apply the knowledge learned. *

- [ ] Strongly Disagree
- [ ] Disagree
- [x] Neutral
- [ ] Agree
- [ ] Strongly Agree

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13 This Workshop will be useful for me to develop my career as Design Engineer *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

14 I would be interested in attending an advanced workshop / programs on this same subject *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

15 The meeting room and facilities were adequate and comfortable *

- [ ] Strongly Disagree
- [ ] Disagree
- [ ] Neutral
- [x] Agree
- [ ] Strongly Agree

Overall rating for this program? *

- [ ] Very Poor
- [ ] Poor
- [ ] Average
- [x] Good
- [ ] Excellent

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RITOSH PRAKASH KOLI

VATHAR, KOLHAPUR ritoshkoli@gmail.com,9405665111

Passionate Entrepreneur ,
Self Employed ,
Experience CAD trainer .

EXPERIENCE

OWNER • CAD MANTRA • DATES FROM 2016– TO PRESENT

Branches- Vathar

Warananagar

- Utilized CAD Software during the design process.
- Provide Training on CAD Software's to Mechanical & Civil Stream
- Provide 3d Elevations &Walk through etc. services

EDUCATION

B.E MECHANICAL • 2015 • SHIVAJI UNIVERSITY

SKILLS

Proficient with CAD applications - Autocad, Solidwork, NX cad Catia, Revit, Sketchup, 3ds Max

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Dr. Babasaheb Ambedkar Technological University Lonere

One Week Workshop On

"AutoCAD Software"

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MECHANICAL ENGINEERING DEPARTMENT
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Organized By

Department of Mechanical Engineering

Sanjeevan Engineering & Technology Institute Panhala

In Association With G.T.T. Foundation Pune.

Date: 05th December 2022 to 09th December 2022.

Venue : Central Computer Facility (CCF)

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NEWS OF THE WORKSHOP IN LOCAL NEWS PAPER

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दैनिक तरुण भारत, सोमवार दि. १२/१२/२०२२

संजीवनमध्ये मेकॅनिकल विभागातर्फे ऑटोकॅड सॉफ्टवेअरवर कार्यशाळा

पन्हाळा : सोमवार पेठ (ता. पन्हाळा) येथील संजीवन अभियांत्रिकी महाविद्यालयातील मेकॅनिकल इंजिनिअरिंग विभागामार्फत ऑटोकॅड सॉफ्टवेअर यावर पाच दिवसीय कार्यशाळेचे आयोजन केले होते. कार्यशाळेचे आयोजन संजीवन कॉलेज आणि जी. टी. टी. फौंडेशन, पुणे यांच्या विद्यमाने केले होते. कार्यशाळेमध्ये ट्रेनर म्हणून रितेश कोळी यांनी ऑटोकॅड सॉफ्टवेअर कसे वापरावे याचे प्रात्यक्षिकासह मार्गदर्शन केले. संजीवन कॉलेज मधीलमेकॅनिकल विभाग विद्यार्थ्यांना आधुनिक ज्ञान देण्यास कटिबद्ध असल्याचे विभागप्रमुख प्रा. सरदार देशमुख यांनी सांगितले. कार्यशाळेचे आयोजन प्रा. प्रवीण अतिग्रे व डॉ. अजय मस्के यांनी केले होते. प्राचार्य डॉ. संजीव जैन, उपप्राचार्य डॉ. सुहास सपाटे, संजीवन ग्रुप ऑफ स्कूलचे चेअरमन पी. आर. भोसले व सहसचिव एन. आर. भोसले यांचे मार्गदर्शन लाभले.

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EN 6315

Workshop On "Prototype & Process Design and Development"

Resource Person	Dr. Suryakant Dodmise
Collaborating Agency	Siddham Innovation and Business Incubation Center Kolhapur (SIBIC)
Topic	Prototype & Process Design and Development
Day & Date	Friday, 10th March 2023
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech Engineering)
Venue / Location	Siddham Innovation and Business Incubation Center (SIBIC), 4th Floor, Kailash Tower, above Bhima Siddhi Infotainment, Assembly Road, Near Venus Corner, New Shahupuri, Kolhapur
Organized By	Institute Innovation Council Cell, S.E.T.I. Panhala

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PRINCIPAL PERMISSION LETTER

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Date- 02/03/2023

To,
The Principal,
S.E.T.I., Panhala.

Subject: - Regarding permission to arrange workshop on "Prototype & Process Design and Development" in association with SIBIC Kolhapur for our Engineering Students.

Respected Sir,

To strengthen our Institute Innovation council activities we would like to arrange a workshop on "Prototype & Process Design and Development" in association with Siddham Innovation and Business Incubation Center Kolhapur (SIBIC) for our Engineering Students on 10th March 2023. All our students of engineering will get the advantage of this program.

So kindly allow our Institute Innovation Council Cell to organize this program on above mentioned topic for the benefit of our students.

P.S. Atigre
02/03/2023

Mr. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

Permitted
02/03/23

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Siddham Innovation and Business Incubation Center (SIBIC)

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Ref. No: SETI/ITC/2023/65

Date - 02/03/2023

To,

The C.E.O.,

Siddham Innovation and Business Incubation Center (SIBIC)

Kolhapur.

Subject: - Regarding permission to arrange a workshop on "Prototype & Process Design and Development" in association with SIBIC Kolhapur for our engineering students.

Respected Sir,

Our Institute is established in 2009 in a view to impart engineering education to Under Graduate & Post Graduate Students. The institute is approved by AICTE New Delhi, recognized by DTE Maharashtra, and affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere.

The Institute is long cherished dream of the Founder-Chairman Mr. P. R. Bhosale, an educationalist having experience about three decades. His aim is to impart quality education to the students from nook and corner of the country.

To strengthen our Institute Innovation Council (IIC) activities we would like to arrange a workshop on "Prototype & Process Design and Development" in association with SIBIC Kolhapur on 10/03/2023 for our engineering students.

I would like to request you, kindly permit our students to visit your organization for this workshop.

Yours Sincerely,

P.S. Atigre
02/03/2023

Mr. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala

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Date: 03/03/2023

NOTICE

All the heads of department and departmental I.I.C. cell members are hereby informed that, there is a Workshop on "Prototype & Process Design and Development" organized by our Institute Innovation Council. The details are as follows:

Topic	Prototype & Process Design and Development
Organization	Siddham Innovation and Business Incubation Center Kolhapur (SIBIC)
Date	10th March 2023
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech Engineering)
Venue / Location	Siddham Innovation and Business Incubation Center (SIBIC), 4th Floor, Kailash Tower, above Bhima Siddhi Infotainment, Assembly Road, Near Venus Corner, New Shahupuri, Kolhapur

Kindly circulate this notice among the students of your department and inform the name of the students who are interested for this workshop.

P. I. Atigre 03/03/2023

Prof. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

Dr. V. H. Deokar
(President of I.I.C. Cell)
S.E.T.I. Panhala

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Department of Mechanical Engineering

Date: 03/03/2023

NOTICE

All the students of Mechanical Engineering Department are hereby informed that, there is a Workshop on "Prototype & Process Design and Development" organized by our Institute Innovation Council. The details are as follows:

Topic	Prototype & Process Design and Development
Organization	Siddham Innovation and Business Incubation Center Kolhapur (SIBIC)
Date	10th March 2023
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech)
Venue / Location	Siddham Innovation and Business Incubation Center (SIBIC), 4th Floor, Kailash Tower, above Bhima Siddhi Infotainment, Assembly Road, Near Venus Corner, New Shahupuri, Kolhapur

Students who are interested should attend the program.

P.S. Atigre
03/03/2023
Prof. P.S.Atigre
Workshop Coordinator
(Member of I.I.C. Cell)

Prof. Sardar B. Deshmukh
HOD
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

PRINCIPAL
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ATTENDANCE

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Workshop On

Prototype & Process Design and Development

In Association With

Siddham Innovation and Business Incubation Center Kolhapur (S.I.B.I.C.)

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REGISTRATION DETAILS (Date: 10/03/2023)

Sr. No	Name of the Student	Class	Branch	Mobile No.	Signature
1	Kashmira Naykawadi.	B.E. last yr	C.S.E	9960167383	Kashmira.
2	Shweta Kamble	B.E. last year	C.S.E	8805931712	Kamble
3	Rutuja patil	B.E. last year	C.S.E.	7776963589	Patil
4	Pranali Babasaheb Kumbhar	T.Y (B.Tech)	Mech	8600328191	Kumbhar
5	Samruddhi Babasaheb Konde	T.Y(B.Tech)	Mech	9021317722	Konde.
6	Sayali Shivaji Tambavekar	B.E last year	Civil	8007403468	[illegible]
7	Samiksha Suhas Shinde	B.E. last year	civil	7517945253	[illegible]
8	Vivek Vishwas Nikam	T.E	Civil	9309746099	Nikam.
9	Sumit Suresh patil	T.E	civil	7385184354	Patil
10	Abhishek chandrashekhar Jugale	T.E	civil	8530865715	Abhijugale
11	Shivam vinod Jadhav	T.E	civil	7350989316	Shivam.
12	Sanket Suryakant Shinde	T.E	civil	8956238088	[illegible]
13	Sumeet Sunil khirugade	T.E	civil	9146164545	Sumeet
14	Raunak Chandrashekhar Patil	T.Y	Civil	9370228188	Rapatil
15	Madhav Sunil lokhande	T.Y.	Civil	7775952329	[illegible]
16	Patil Yogesh Yuvraj	T.Y	CIVIL	8380060903	[illegible]
17	Patil saiprasad Janardan	S.E	CIVIL	[illegible]9120	[illegible]
18	Kadam Nikhil Bhimrao	T.Y.	Mech	85[illegible]9085	Nikadam

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Prototype & Process Design and Development

In Association With

Siddham Innovation and Business Incubation Center Kolhapur (S.I.B.I.C.)

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REGISTRATION DETAILS (Date: 10/03/2023)

Sr. No	Name of the Student	Class	Branch	Mobile No.	Signature
1	Shubham. M. Shete	T.Y. Mech.	Mech.	9604265741	
20	Siddhesh. S. Shinde	T.Y.	Mech	9146999000	
21	Shubham. T. Khot.	T.Y.	Mech	9620302371	
22	Sunil. B. Sawant	T.Y.	Mech	7387314654	
23	Siddhesh. S. Bendkhale	T.Y	mech	8530845279	
24	Dhairyashil H. Bagade	T.Y.	Mech.	8329592503	
25	Avadhut. R. Patil	B.E	Mech.	7066856187	
26	Prashant I. patil	B.E	Mech	8552014101	
27	shubham. R patil	BE	Mech	9730408529	
28	Vinayak. B. Bolave	B.E.	Mech	7720064848	
29	Saroj P. shinde	B.E	civil	9075403643	
30	Kaustubh. B. Khot	B.E	civil	9423948932	
31	Prudhviraj Laxman Savekar	B.E	Civil	7820837125	
32	Pratik Sanjay kamble	B.E	civil	9022056095	
33	Anish Vasant Patil	T.Y	Mech	9527031312	
34	Patil Swapnil Dhondiram	B.E. civil	civil	7057840707	

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EN 6315

Workshop On

Prototype & Process Design and Development

In Association With

Siddham Innovation and Business Incubation Center Kolhapur (S.I.B.I.C)

REGISTRATION DETAILS (Date: 10/03/2023)

Sr. No	Name of the Student	Class	Branch	Mobile No.	Signature
35	Jadhav Amol Pramod	B.Tech	civil	9623651345	Jadhav
36	Bhosale Keval Madhukar	B.E	civil	7887830902	Bhosale
37	Prathmesh sudhir magdum	B. Tech	mech	9503620349	[illegible]
38	Deepshree. D. Prabhavalkar	B. Tech	Electaical	9146108781	Prabhavalkar
39	Sonali B. Jadhav	B. Tech	Electrical	9307521035	Jadhav
40	Nagesh. H. Jogannavar	B. Tech	Elec.	9922665576	[illegible]
41	Prajkta B. Yeloore	B. Tech	Ele	9527756543	[illegible]
42					
43					
44					
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46					
47					
48					
49					
50					
51					

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

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EN 6315

Date: 10/03/2023

One Day Workshop On

"Prototype & Process Design and Development"

In Association With Siddham Innovation & Business Incubation Center Kolhapur (SIBIC)

PHOTOGRAPHS

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Date: 10/03/2023

One Day Workshop On

"Prototype & Process Design and Development"

In Association With Siddham Innovation & Business Incubation Center Kolhapur (SIBIC)

PHOTOGRAPHS

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THANKING LETTER

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Ref No: SETI/I.I.C/2023/71

Date: 10/03/2023

To,
The C.E.O.,
Siddham Innovation and Business Incubation Center (SIBIC)
Kolhapur.

Respected Sir,

We would like to extend our sincere thanks to you for arranging workshop on "Prototype & Process Design and Development on 10th March 2023" in association with Siddham Innovation and Business Incubation Center (SIBIC) Kolhapur for our engineering students. We are glad to say that the response from the students was enthusiastic. The information presented by you is definitely beneficial to our students for their career enhancement.

We genuinely thank you once again for the support and time given by you and we sincerely hope that you would continue to extend your valuable support in our future initiatives as well.

Thanking you.

P.S. Atigre
10/03/2023
Mr. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

Received

SIDDHAM INNOVATION AND BUSINESS INCUBATION CENTRE CIN No. U80902PN2021 NPL200725

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ACTIVITY REPORT

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7. **Place of Activity (venue):** Siddham Innovation and Business Incubation Center (SIBIC), 4th Floor, Kailash Tower, above Bhima Siddhi Infotainment, Assembly Road, Near Venus Corner, New Shahupuri, Kolhapur

8. **Number of Participants:** Total 41 students participated for this workshop

9. **Participants from:** Students from Mechanical, Civil, Computer Science, Electrical Engineering Department

10. **Photographs:**

Photograph No.1 : Workshop on Prototype & Process Design and Development

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Photograph No.2 : Workshop on Prototype & Process Design and Development

11. Report Prepared By: Asst. Prof. Praveen S. Atigre (Member of I.I.C. Cell)

P.S.Atigre
10/03/2023

Prof. Praveen S. Atigre
Workshop Coordinator
(Member of I.I.C. Cell)
S.E.T.I. Panhala

Dr. V. H. Deokar
(President of I.I.C. Cell)
S.E.T.I. Panhala

Dr. Suhas G. Sapate
Vice Principal
S.E.T.I. Panhala

Dr. Sanjeev N. Jain
Principal
S.E.T.I. Panhala

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EN 6315

Department of Mechanical Engineering

Workshop On

"Importance of SAP in Current Scenario"

Guest / Trainer	Mr. Shrikant Chandrakant Bidwai (Head-Academy Business)
Organization	Prudentia Technology Solutions India Pvt. Ltd. Pune
Date	12/07/2023
Time	10:00 am To 3:30 pm
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech)
Venue	Mechanical Department (Class Room-208)

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PRINCIPAL PERMISSION LETTER

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EN 6315

Date- 10/07/2023

To,
The Principal,
S.E.T.I., Panhala.

Subject: - Regarding permission to arrange One Day Workshop on "Importance of SAP in Current Scenario."

Respected Sir,

Our Mechanical Engineering Department would like to arrange One Day Workshop on "Importance of SAP in Current Scenario" in association with Prudentia Technology Solutions India Pvt. Ltd. Pune by Mr. Shrikant Chandrakant Bidwai on 12th July 2023. All students of Mechanical Engineering will get the benefit of this workshop.

So kindly allow our department to organize this workshop on above mentioned topic for the benefit of our students.

P.S. Atigre

Prof. Praveen S. Atigre
Workshop Coordinator
Mechanical Engineering Department

Prof. Sardar B. Deshmukh
H.O.D.
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT
SETI
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GUEST INVITATION LETTER

MECHANICAL ENGINEERING DEPARTMENT
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EN 6315

Date- 10/07/2023

To,

Mr. Shrikant Chandrakant Bidwai

Prudentia Technology Solutions India Pvt. Ltd.

Pune.

Subject- Letter of Invitation for One Day Workshop on "Importance of SAP in Current Scenario" for Mechanical Engineering Students.

Dear Sir,

Our Institute is established in 2009 in a view to impart engineering education to Under Graduate (UG) & Post Graduate (PG) Students. By learning your expertise and vast experience in the area of SAP, we are pleased to invite you as a speaker in One Day Workshop on "Importance of SAP in Current Scenario" for Mechanical Engineering Students. We are confident that our students would be enriched with your lecture. This program will be helpful for our Mechanical Engineering Students from their career point of view. The workshop is planned on 12th July 2023. Kindly give your consent

Thanking you.

Yours faithfully,

Prof. Sardar B. Deshmukh

H.O.D.

Mechanical Engineering Department

S.E.T.I. Panhala

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

Received
S.C. Bidwai
(Shri Kant Bidwai)

Prudentia Technology Solutions Pvt. Ltd. Pune

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Panhala - 416 201

GUEST THANKING LETTER

MECHANICAL ENGINEERING DEPARTMENT
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Date: 12/07/2023

To,

Mr. Shrikant Chandrakant Bidwai

Prudentia Technology Solutions India Pvt. Ltd.

Pune.

Dear Sir,

We would like to extend our sincere thanks to you for delivering a lecture in One Day Workshop on "Importance of SAP in Current Scenario" for Mechanical Engineering Students on 12th July 2023. We are glad to say that the response from the students was enthusiastic. The information presented by you is definitely beneficial to our students for their career enhancement. We genuinely thank you once again for the support and time given by you and we sincerely hope that you would continue to extend your valuable support in our future initiatives as well.

Thanking you.

Prof. Sardar B. Deshmukh
H.O.D.
Mechanical Engineering Department
S.E.T.I. Panhala

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

Received
Bidwai
(Shrikant Bidwai)

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Prudentia Technology Solutions Pvt. Ltd. Pune

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DEPARTMENT NOTICE

MECHANICAL ENGINEERING DEPARTMENT
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Department of Mechanical Engineering

Date: 11/07/2023

NOTICE

All the students of Mechanical Engineering Department are hereby informed that, there is One Day Workshop on "Importance of SAP in Current Scenario" The details are as follows:

Title of Workshop	Importance of SAP in Current Scenario
Guest	Mr. Shrikant Chandrakant Bidwai (Head-Academy Business)
Organization	Prudentia Technology Solutions India Pvt. Ltd. Pune
Date	12/07/2023
Time	10:00 am To 3:30 pm
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech)
Venue	Class Room-208

Attendance is mandatory for all students.

P.S.Atigre

Prof. Praveen S. Atigre
Workshop Coordinator
Mechanical Engg. Department

Prof. Sardar B. Deshmukh
H.O.D.
Mechanical Engg. Department

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

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EN 6315

Department of Mechanical Engineering

STUDENT'S ATTENDANCE

Workshop On : Importance of SAP in Current Scenario **Date :** 12/07/2023

Class: B.E. Mechanical **Time :** 10:00 am To 03:30 pm

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
1	BHOSALE SONALI SHIVAJI		23	DALVI SIDDHESH DHANAJI	
2	PATIL TEJAS SHAMRAO		24	CHAVAN SAIPRASAD MADHUKAR	—
3	SHINDE OMKAR SURESH		25	MUJAWAR NAWAJSHARIF MOULA	
4	SHINDE KEDAR RAMESH		26	MELAKERI SHRIDHAR BASAPPA	—
5	SANKPAL KAMLESH PRAKASH		27	PATIL SHUBHAM RAGHUNATH	
6	PATIL VAIBHAV UTTAM	—	28	PATIL PRASHANT ISHWARA	—
7	MUGDAR RAHUL NIESH	—	29	SHINDE PRANAY BABURAO	—
8	JADHAV SANKET SANJAY	—	30	JADHAV SAGAR MAHIPATI	—
9	SAWANT RUSHIRAJ RAJENDRA	—	31	PATIL GAURAV KRISHNAT	
10	PAWAR OMKAR BHAGAWAN		32	POWAR SURAJ SANJAY	
11	KASHID SNEHAL SUNIL	—	33	KOINGADE MAHESH DILIP ALIAS DIPAK	—
12	POWAR RAHUL GANAPATI		34	BOLAVE VINAYAK BALU	
13	MUJAWAR ASIF SHABBIR		35	CHAVAN SUSHANT BAJRANG	—
14	JANGAM SANKET ASHOK	—	36	MUJAWAR ARSHAD KARIMBAKSH	
15	PATIL SOURAV SANJAY		37	MALI ROHIT RAMRAO	—
16	PATIL RAHUL MAHADEV	—	38	GAIKWAD TUSHAR MAHENDRA	
17	PATIL SAURABH PANDIT	—	39	PATIL GOURAV SANJAY	—
18	PATIL AVADHUT RAGHUNATH		40	BIDKAR SHUBHAM APPASAHEB	
19	MANE SUNIL VISHAVNATH		41	MAHADIK ADITYA ATUL	—
20	SAKATE AJAY SANJAY		42	THOMBARE SOURABH UDAY	—
21	BHOSALE SATYAMRAJE PANDITRAO	—	43	DEVANE RAGHVENDRA SADASHIV	
22	NAIK PRASANNA PRAKASH		44	GAIKWAD NETRA GAJANAN	—

P.S. Atigre
Prof. P.S.Atigre
Workshop Coordinator
Mechanical Engineering Department

SETI PANHALA

Prof. Sardar B. Deshmukh
HOD
Mechanical Engineering Department

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EN 6315

Department of Mechanical Engineering

STUDENT'S ATTENDANCE

Workshop On : Importance of SAP in Current Scenario

Date : 12/07/2023

Class: T.Y. Mechanical

Time : 10.00 am To 03.30 pm

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
1	KHOCHIKAR AHAD SAMAD		37	LOHAR DHIRAJ SHIVAJI	—
2	KADAM NIKHIL BHIMRAO		38	JADHAV NIRANJAN JAYWANT	
3	MANE PRADIP SHAMRAO	—	39	MHAMULKAR ABHIJIT HINDURAO	—
4	KUMBHAR PRANALI BABASAHEB		40	KHOT SWAPNIL SHASHIKANT	—
5	GUJAR PRANAV JOTIRAM		41	NAGARI DIPAK DEVENDRA	
6	MAGDUM PRATHMESH SUDHIR		42	BHAT SAHIL PUNDALIK	—
7	KHOT SHUBHAM TUKARAM		43	BAWALE VISHWESH PRASANNA	
8	SHETE SHUBHAM MARUTI		44	PATIL NIKHIL DNYANDEV	—
9	SHINDE SIDDHESH SUNIL		45	SAWRATKAR VISHAL UTTAM	—
10	BENDHALE SIDDHESH SANTOSH		46	TARALEKAR PRUTHVIRAJ CHANDRAKANT	
11	POWAR SOURAV SHASHIKANT		47	JARAG SIDDESH VIKRAM	—
12	NAIK SHRIDHAR YUVRAJ	—	48	SHINDE CHAITANYA DILIP	
13	SHIKHARE PRAMOD GUNDA	—	49	KHADE ROHIT VISHWAS	
14	SHIKHARE NILESH SHIVAJI	—	50	SATHAM DIGAMBAR SUNIL	
15	DHERE SAURABH SATISH	—	51	PADALKAR ANIKET ASHOK	—
16	DHERE HARSH SATISH	—	52	GHATAGE SARADAR KRUSHNAT	—
17	DESAI VISHWAJEET VIKAS	—	53	BAGADI DHAIRYASHIL HINDURAO	—
18	KADAVEKAR ANIKET RAJENDRA		54	PATIL SUSHANT SANJAY	—
19	SAWANT SUNIL BHAGAWAN		55	WAIKAR RAHIL ANIS	—
20	KHOT VIVEK MADHUKAR		56	PATIL SHUBHAM RAGHUNATH	—
21	ARAB MOHMADSAAD ZAKIRHUSEN		57	NAGARJI ADIL KASAM	—
22	JADHAV OMKAR		58	SAVARE AKANKSHA AKARAM	
23	JADHAV ALIAS MITHARI KAUSTUBH RAJENDRA		59	KONDE SAMRUDDHI BABASAHEB	
24	GARAD NILESH JAYSING		60	WANGIKAR RUTUJA AAPPASO	
25	PATIL ANISH VASANT		61	KUMBHAR ABHIJEET VILAS	
26	KAMBLE SHUBHAM BAJIRAO		62	CHOUGULE SUMIT MANOHAR	—
27	BAHADURE NITIN AMBADAS	—	63	KHOT RUSHIKESH NAMDEV	
28	POPHALE YASH PRAVIN	—	64	SASWADE SHRIKANT ARUN	—
29	MANE PAVAN MAHADEV	—	65	POWAR SHUBHAM SANJAY	—
30	SHINDE SAHIL NITIN	—	66	CHOUGULE SHIDHARTH SAMBHAJI	—
31	SAPALE GAURESH RAJESH		67	MULLA JUBER SAMEER	—
32	KATE RAJVARDHAN KAMALAKAR		68	MOHITE VIVEK SHRIKANT	
33	LOHAR PRATHAMESH MANIK	—	69	SHINDE PRATHAMESH BHAGAVAN	
34	KADAM PRANAV JAGADISH		70	SATHE MAHESH SARJERAO	—
35	GURAV ROHIT HINDURAO		71	PATIL VAIBAV RANGRAO	—
36	JAGDALE ABHISHEK VIJAY	—			—

P.S. Atigre
Prof. P.S. Atigre
Workshop Coordinator
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

Prof. Sardar B. Deshmukh
HOD
Mechanical Engineering Department

PRINCIPAL
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EN 6315

Department of Mechanical Engineering

STUDENT'S ATTENDANCE

Workshop On : Importance of SAP in Current Scenario **Date :** 12/07/2023

Class: S.Y. Mechanical **Time :** 10:00 am To 03:30 pm

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
1	PATIL AMRUTA ASHOK		34	KAMBLE MANAV ANANDA	
2	PATIL ROHIT DNYANDEV	—	35	KONDEKAR PRATHMESH YUVARAJ	
3	CHAVAN SURAJ RANGRAO		36	LAD SUSHANT SANJAY	
4	CHOUGALE ABHIJEET VITTHAL	—	37	LOKHANDE ROHAN SANJAY	
5	CHOUGULE SHUBHAM SHIVAJI	—	38	MOHITE SHRIKANT KASHIRAM	
6	GAIKWAD JITENDRA PRAMOD		39	MORE DEEPAK MARUTI	—
7	KUMBHAR OMKAR SANJAY	—	40	MORE SAHIL SUNIL	
8	OMKAR PRAKASH PATIL	—	41	MULLANI SAMIR DADU	
9	JADHAV SWAPNIL PANDURANG	—	42	NAIK ROHAN	
10	YADAV BHARAT JAYSING		43	NALAWADE SAKSHI SADASHIV	
11	SABALE KIRAN SANJAY		44	PARIT SWAROOP ASHOK	
12	BACHCHE SHUBHAM SUBHASH		45	PATIL ADITYA	
13	BANSODE PIYUSH DADASO	—	46	PATIL ADITYA UTTAM	—
14	BHANDARI SHUBHAM VILAS		47	PATIL ATUL AJIT	—
15	BHOITE PRASAD ANANDA	P. A. Bhoite	48	PATIL DEVRAJ TUKARAM	
16	BHOSALE PRAMOD PRAKASH		49	PATIL KIRAN BHARAT	
17	CHAVAT SHAILESH VILAS		50	PATIL MANORANJAN PANDURANG	—
18	DESAI AMAN IMTIYAJ		51	PATIL PRATHMESH	
19	DESAI SHUBHAM ANIL	—	52	PATIL PRATHMESH ANIL	
20	DESHMUKH MAHESH KISHOR	—	53	PATIL RANJIT CHETAN	
21	DONGALE PRATHAMESH CHANDRAKANT	D. C. Dongale	54	PATIL SUYOG VASANT	
22	GHORAPADE ABHISHEK RAKESH	—	55	PATIL YASHRAJ SARDAR	—
23	GHUTUKADE ABHISHEK RAJU	—	56	PAYMAL SAURABH SUNIL	
24	GINI SUSHANT SANJAY		57	PHATAK RAVIRAJ BAJIRAO	—
25	GUJAR ANIKET NAMDEV	—	58	POWAR SOHAN NAMDEV	—
26	HALDANKAR RAHUL AJIT		59	RAUT SANKET DILIP	
27	INAMDAR VARAD		60	SARNOBAT YASH JAYWANT	—
28	JADHAV DEVENDRA SURESH	—	61	SAWANT VIKRAM RAGHUNATH	
29	JAGADALE PARIKSHIT LALASO	—	62	SHENDAGE SWAYAM SHANKAR	—
30	JALIL SAYYAD ARIF	—	63	SHENEKAR UMESH ANANDA	—
31	KADAM SURAJ DHANAJI		64	SISHAL RANJEET	
32	KADAM VIRENDRA RAJARAM		65	TIPUGADE ROHIT SHRIKANT	—
33	KAMBLE AAKASH CHANDRAKANT	—			—

P.S. Atigre
Prof. P.S.Atigre
Workshop Coordinator
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

Prof. Sardar B. Deshmukh
HOD
Mechanical Engineering Department

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Peth, Panhala - 416 201

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ACTIVITY REPORT

MECHANICAL ENGINEERING DEPARTMENT
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EN 6315

Date: 13/07/2023

One Day Workshop On

" Importance of SAP in Current Scenario"

In Association With Prudentia Technology Solutions India Pvt. Ltd. Pune

Activity Report

1. **Title of Workshop :** Importance of SAP in Current Scenario
2. **Date of Workshop:** 12th July 2023
3. **Organized By :** Mechanical Engineering Department S.E.T.I. Panhala
4. **Collaborating Agency :** Prudentia Technology Solutions India Pvt. Ltd. Pune
5. **Resource Person/Trainer :** Mr. Shrikant Chandrakant Bidwai (Head-Academy Business)
6. **Objectives of the Workshop:**

In this workshop the efforts are taken to provide in depth knowledge to the students about concept of SAP softwares, processes involved in SAP & its importance in developing the career. After completing this workshop students came to know about following points:

a. Concept of SAP & its importance in 21st Century
b. Various processes associated with SAP
c. Different Modules of SAP
d. Benefits of SAP to various industries
e. Importance of SAP Training
f. Career opportunities as SAP Engineer

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EN 6315

7. **Place of Activity (venue):** Mechanical Engineering Department Class Room-208
8. **Number of Participants:** Total 92 students participated for this workshop
9. **Participants from:** Students from Mechanical Engineering Department
10. **Photographs:**

Photograph No. 1 : Workshop on Importance of SAP in Current Scenario

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Photograph No. 2 : Workshop on Importance of SAP in Current Scenario

11. Report Prepared By: Asst. Prof. Praveen S. Atigre

P.S. Atigre
Prof. Praveen S. Atigre
Workshop Coordinator
S.E.T.I. Panhala

MECHANICAL ENGINEERING DEPARTMENT
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Prof. Sardar B. Deshmukh
H.O.D.
S.E.T.I. Panhala

Dr. Sanjeev N. Jain
Principal
S.E.T.I. Panhala

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FEEDBACK OF THE STUDENTS

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EN 6315

Date: 12/07/2023

Feedback Form

Title of Workshop : Importance of SAP in Current Scenario

Date : 12th July 2023

Name of Expert : Mr. Shrikant Chandrakant Bidwai (Business Head, Prudentia Technology Pvt. Ltd.

Location : Mechanical Class Room-208

Instructions: Please indicate your level of agreement in the statements listed below

Please tick your level of agreement with the statements listed below	Strongly Disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly Agree (5)
1 The objectives of the workshop were clearly defined.	1	2	3	4	5
2 The workshop objectives were met.	1	2	3	4	5
3 The trainer was knowledgeable aboutthe training topics.	1	2	3	4	5
4 The trainer was well prepared.	1	2	3	4	5
5 The content was organized and easy to follow.	1	2	3	4	5
6 The quality of instructions were good.	1	2	3	4	5
7 The materials distributed were pertinent and useful.	1	2	3	4	5
8 Adequate time was provided for questions and discussion.	1	2	3	4	5

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9 Participation and interaction wereencouraged.	1	2	3	4	(5)
10. The time allotted for the workshop was sufficient	1	2	3	4	(5)
11 The workshop met my expectations	1	2	3	(4)	5
12 I will be able to apply the knowledge learned.	1	2	3	4	(5)
13 This experience will be useful for me during the placement activity.	1	2	3	4	(5)
14 I would be interested in attending an advanced workshop / programs on this same subject	1	2	3	(4)	5
15 The meeting room and facilities were adequate and comfortable	1	2	3	4	(5)

❖ **Overall rating for this program?**

Very Poor (1) ☐ Poor (2) ☐ Average (3) ☐ Good (4) ☑ Excellent (5) ☐

❖ **Please share other comments or expand your views on previous responses here:**

- Good workshop.
- ~~Receive~~ Received knowledge about SAP.

Signature of the Student: _____ (Optional)

Name of the Student: Sourav Shashikant Pawar (Optional)

Department: Mechanical. (Optional)

Please return this form to the Workshop Coordinator at the end of the workshop.

Thank you for your valuable feedback!

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EN 6315

Date: 12/07/2023

Feedback Form

Title of Workshop : Importance of SAP in Current Scenario

Date : 12th July 2023

Name of Expert : Mr. Shrikant Chandrakant Bidwai (Business Head, Prudentia Technology Pvt. Ltd.

Location : Mechanical Class Room-208

Instructions: Please indicate your level of agreement in the statements listed below

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14 I would be interested in attending an advanced workshop / programs on this same subject	1	2	3	(4)	5
15 The meeting room and facilities were adequate and comfortable	1	2	3	4	(5)

❖ **Overall rating for this program?**

Very Poor (1)	Poor (2)	Average (3)	Good (4)	Excellent (5)
☐	☐	☐	☑	☐

❖ **Please share other comments or expand your views on previous responses here:**
decange more workshop on advaced ~~models~~ modules

Signature of the Student: Shinde (Optional)

Name of the Student: Prathamesh Bhagavan Shinde (Optional)

Department: Mechanical. (Optional)

Please return this form to the Workshop Coordinator at the end of the workshop.

Thank you for your valuable feedback!

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Date: 12/07/2023

Feedback Form

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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Title of Workshop : Importance of SAP in Current Scenario

Date : 12th July 2023

Name of Expert : Mr. Shrikant Chandrakant Bidwai (Business Head, Prudentia Technology Pvt. Ltd.

Location : Mechanical Class Room-208

Instructions: Please indicate your level of agreement in the statements listed below

Please tick your level of agreement with the statements listed below	Strongly Disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly Agree (5)
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15 The meeting room and facilities were adequate and comfortable	1	2	3	4	(5)

❖ **Overall rating for this program?**

Very Poor (1)	Poor (2)	Average (3)	Good (4)	Excellent (5)
☐	☐	☐	☑	☐

❖ **Please share other comments or expand your views on previous responses here:**

Provide details about career opportunities as a SAP user.

Signature of the Student: Konde. (Optional)

Name of the Student: Samruddhi Babasaheb Konde (Optional)

Department: Mechanical (Optional)

Please return this form to the Workshop Coordinator at the end of the workshop.

Thank you for your valuable feedback!

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Prudentia
23-24.

Workshop On

SAP Modules in Materials Management and Production Planning

Guest /Trainer	Mr. Soumitra Pawar (SAP-Trainer)
Organization	Prudentia Technology Solutions India Pvt. Ltd. Pune
Date & Date	Friday, 06/10/2023
Time	10:00 am To 3:30 pm
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech)
Venue	Computer Lab of Mechanical Engineering Department

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Panhala 201

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PRINCIPAL PERMISSION LETTER

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Somwar Peth, Panhala - 416 201

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DTE Code : EN6315
NAAC Accredited
AICTE ID : 1-8019451
AISHE Code : C-11165
Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra &
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University

Date- 03/10/2023

To,

The Principal,

S.E.T.I., Panhala.

Subject: - Regarding permission to arrange One Day Workshop on "SAP Modules in Materials Management and Production Planning" for Mechanical Engineering Students.

Respected Sir,

Our Mechanical Engineering Department would like to arrange One Day Workshop on "SAP Modules in Materials Management and Production Planning" for Mechanical Engineering Students in association with Prudentia Technology Solutions India Pvt. Ltd. Pune by Mr. Soumitra Pawar on 6th October 2023. All students of Mechanical Engineering will get the benefit of this workshop. So kindly allow our department to organize this workshop on above mentioned topic for the benefit of our students.

P.S.Atigre

Prof. Praveen S. Atigre
Workshop Coordinator
Mechanical Engineering Department

Dr. Vinayak H. Deokar
H.O.D.
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT
SETI PANHALA

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GUEST INVITATION LETTER

MECHANICAL ENGINEERING DEPARTMENT
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Tamwar Peth, Panhala - 416 201

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AICTE ID : 1-5019431
AISHE Code : C-51165
Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DTE
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

Date- 03/10/2023

To,

Mr. Soumitra Pawar

Prudentia Technology Solutions India Pvt. Ltd.

Pune.

Subject- Letter of Invitation for One Day Workshop on "SAP Modules in Material Management and Production Planning" for Mechanical Engineering Students.

Dear Sir,

Our Institute is established in 2009 in a view to impart engineering education to Under Graduate (UG) & Post Graduate (PG) Students. By learning your expertise and vast experience in the area of SAP, we are pleased to invite you as a speaker in One Day Workshop on "SAP Modules inMaterials Management and Production Planning"for Mechanical Engineering Students.We are confident that our students would be enriched with your lecture. This program will be helpful for our Mechanical Engineering Students from their career point of view. The workshop is planned on 06th October 2023. Kindly give your consent

Thanking you.

Yours faithfully,

6/10/23

Dr. Vinayak H. Deokar

H.O.D.

Mechanical Engineering Department

S.E.T.I. Panhala

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute

Recieved
(Soumitra Pawar)

Prudentia Technology Solutions India Pvt. Ltd. Pune

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GUEST THANKING LETTER

MECHANICAL ENGINEERING DEPARTMENT
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Somwar Peth, Panhala - 416 201

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DTE Code : ENG315

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NAAC Accredited
AICTE ID : 1-8019431
AISHE Code : C-13165

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Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

Date- 06/10/2023

To,

Mr. Soumitra Pawar

Prudentia Technology Solutions India Pvt. Ltd.

Pune.

Dear Sir,

We would like to extend our sincere thanks to you for delivering a lecture in One Day Workshop on "SAP Modules inMaterials Management and Production Planning"for Mechanical Engineering Students on 06th October 2023.We are glad to say that the response from the students was enthusiastic. The information presented by youis definitely beneficial to our students for their career enhancement. We genuinely thank you once again for the support and time given by you and we sincerely hope that you would continue to extend your valuable support in our future initiatives as well.

Thanking you.

6/10/23

Dr. Vinayak H. Deokar

H.O.D.

Mechanical Engineering Department

S.E.T.I. Panhala

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Injole, Panhala - 416 201

Recieved

(Soumitra Pawar)

Prudentia Technology Solutions India Pvt. Ltd. Pune

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

DEPARTMENT

NOTICE

MECHANICAL ENGINEERING DEPARTMENT
SETI
PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Date: 04/10/2023

NOTICE

All the students of Mechanical Engineering Department are hereby informed that, there is One Day Workshop on "SAP Modules in Materials Management and Production Planning". The details are as follows:

Title of Workshop	SAP Modules in Materials Management and Production Planning
Guest	Mr. Soumitra Pawar (SAP-Trainer)
Organization	Prudentia Technology Solutions India Pvt. Ltd. Pune
Date	06/10/2023
Time	10:00 am To 3:30 pm
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech)
Venue	Computer Lab of Mechanical Engineering Department

Attendance is mandatory for all students.

P. S. Atigre

Prof. Praveen S. Atigre
Workshop Coordinator
Mechanical Engg. Department

Dr. Vinayak H. Deokar
H.O.D.
Mechanical Engg. Department

MECHANICAL ENGINEERING DEPARTMENT
SETI PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

STUDENT'S ATTENDANCE

MECHANICAL ENGINEERING DEPARTMENT
SETI PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

HOLY-WOOD ACADEMY'S

SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Sonwar Bolli Jogale, Panhala, Tal. Panhala, Dist. Kolhapur Pin-416 201 (Maharashtra) Phone : [illegible]

Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DTE Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

DTE Code : EN6315

NAAC Accredited

Department of Mechanical Engineering

STUDENT'S ATTENDANCE

Workshop On : SAP Modules in Materials Management and Production Planning

Date : 06/10/2023

Time : 10:00 am To 03:30 pm

Class: B.E. Mechanical

Roll No	Name of Student	Signature	Roll No	Name of Student	Signature
1	KHOCHIKAR ARAD SAMAD		32	KADAM PRANAV JAGADISH	
2	KADAM NIKHIL BHIMRAO		33	GURAV ROHIT HINDURAO	
3	MANE PRADIP SHAMRAO		34	JAGDALE ABHISHEK VIJAY	
4	KUMBHAR PRANALI BABASAHEB		35	LOHAR DHIRAJ SHIVAJI	
5	GUJAR PRANAV JOTIRAM		36	JADHAV NIRANJAN JAYWANT	
6	MAGDUM PRATHMESH SUDHIR		37	MHAMULKAR ABHIJIT HINDURAO	
7	KHOT SHUBHAM TUKARAM		38	NAGARI DIPAK DEVENDRA	
8	SHETE SHUBHAM MARUTI		39	BHAT SAHIL PUNDALIK	
9	SHINDE SIDDHESH SUNIL		40	BAWALE VISHWESH PRASANNA	
10	BENDHALE SIDDHESH SANTOSH		41	PATIL NIKHIL DNYANDEV	
11	POWAR SOURAV SHASHIKANT		42	TARALEKAR PRUTHVIRAJ CHANDRAKANT	
12	NAIK SHRIDHAR YUVRAJ		43	SHINDE CHAITANYA DILIP	
13	SHIKHARE PRAMOD GUNDA		44	KHADE ROHIT VISHWAS	
14	SHIKHARE NILESH SHIVAJI		45	SATHAM DIGAMBAR SUNIL	
15	DHERE SAURABH SATISH		46	PADALKAR ANIKET ASHOK	
16	DHERE HARSH SATISH		47	GHATAGE SARADAR KRUSHNAT	
17	DESAI VISHWAJEET VIKAS		48	BAGADI DHAIRYASHIL HINDURAO	
18	KADAVEKAR ANIKET RAJENDRA		49	PATIL SUSHANT SANJAY	
19	SAWANT SUNIL BHAGAWAN		50	WAIKAR RAHIL ANIS	
20	KHOT VIVEK MADHUKAR		51	SAVARE AKANKSHA AKARAM	
21	ARAB MOHMADSAAD ZAKIRHUSEN		52	KONDE SAMRUDDHI BABASAHEB	
22	JADHAV OMKAR SHASHIKANT		53	WANGIKAR RUTUJA AAPPASO	
23	JADHAV ALIAS MITHARI KAUSTUBH RAJENDRA		54	KUMBHAR ABHIJEET VILAS	
24	GARAD NILESH JAYSING		55	CHOUGULE SUMIT MANOHAR	
25	PATIL ANISH VASANT		56	KHOT RUSHIKESH NAMDEV	
26	KAMBLE SHUBHAM BAJIRAO		57	SASWADE SHRIKANT ARUN	
27	POPHALE YASH PRAVIN		58	CHOUGULE SIDDHARTH SAMBHAJI	
28	MANE PAVAN MAHADEV		59	MULLA JUBER SAMEER	
29	SHINDE SAHIL NITIN		60	MOHITE VIVEK SHRIKANT	
30	SAPALE GAURESH RAJESH		61	SHINDE PRATHAMESH BHAGAVAN	
31	KATE RAJVARDHAN KAMALAKAR		62	PATIL VAIBHAV RANGRAO	

P. S. Atigre

Prof. P.S.Atigre
Workshop Coordinator
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

Dr. Vinayak H. Deokar
HOD
Mechanical Engineering Department

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Panhala - 416 201

DTE Code : EN6315

HOLY-WOOD ACADEMY'S

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ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

Sanjeevan Knowledge City, Somwar Peth Jajoli, Panhala, Tal. Panhala Dist. Kolhapur Pin- 416 201 (Maharashtra) Phone : 9146099500

NAAC Accredited

AICTE ID : 1-8408431
AISHE Code : C-51083

O Approved By AICTE, New Delhi O Recognized by Govt. of Maharashtra & DTE
O Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

Department of Mechanical Engineering

STUDENT'S ATTENDANCE

Workshop On : SAP Modules in Materials Management and Production Planning

Date : 06/10/2023

Time : 10:00 am To 03:30 pm

Class: T.Y. Mechanical

Roll No	Name of Student	Signature	Roll No	Name of Student	Signature
1	PATIL AMRUTA ASHOK		33	PRAMOD PRAKASH BHOSALE	
2	PATIL ROHIT DNYANDEV		34	SAMIR DADU MULLANI	
3	CHAVAN SURAJ RANGRAO		35	DEVENDRA SURESH JADHAV	
4	CHOUGALE ABHJEET VITTHAL		36	SUSHANT SANJAY LAD	
5	CHOUGULE SHUBHAM SHIVAJI		37	ROHIT SHRIKANT TIPUGADe	
6	GAIKWAD JITENDRA PRAMOD		38	ATUL AJIT PATIL	
7	KUMBHAR OMKAR SANJAY		39	ROHAN SANJAY LOKHANDE	
8	OMKAR PRAKASH PATIL		40	MANAV ANANDA KAMBLE	
9	JADHAV SWAPNIL PANDURANG		41	SWAROOP ASHOK PARIT	
10	YADAV BHARAT JAYSING		42	SHUBHAM VILAS BHANDARI	
11	DEVRAJ TUKARAM PATIL		43	ARIF JALIL SAYYAD	
12	SURAJ DHANAJI KADAM		44	SOHAN NAMDEV POWAR	
13	PRATHAMESH DINKAR PATIL		45	YASHRAJ SARDAR PATIL	
14	RAVIRAJ BAJIRAO PHATAK		46	PRATHMESH ANIL PATE	
15	VIRENDRA RAJARAM KADAM		47	ANIKET NAMDEV GUJAR	
16	ROHAN GAJANAN NAIK		48	SANKET DILIP RAUT	
17	PARIKSHIT LALASO JAGADALE		49	PRATHAMESH CHANDRAKANT DONGALE	
18	MANORANJAN PANDURANG PATIL		50	SHUBHAM SUBHASH BACHCHE	
19	SUSHANT SANJAY GINI		51	SWAYAM SHANKAR SHENDAGE	
20	DEEPAK MARUTI MORE		52	VIKRAM RAGHUNATH SAWANT	
21	SAKSHI SADASHIV NALAWADE		53	KIRAN BHARAT PATIL	
22	SHUBHAM ANIL DESAI		54	AMAN IMTIYAJ DESAI	
23	PRASAD ANANDA BHOITE		55	RANJIT RAGHUNATH SHISAL	
24	AAKASH CHANDRAKANT KAMBLE		56	VARAD SHRIKANT DHAMDAR	
25	ADITYA SACHIN PATIL		57	UMESH ANANDA SHENEKAR	
26	ABHISHEK RAKESH GHORPADE		58	SHAILESH VILAS CHAVAT	
27	PIYUSH DADASO BANSODE		59	SAURABH SUNIL PAYMAL	
28	YASH JAYWANT SARNOBAT		60	PRATHMESH YUVARAJ KONDEKAR	
29	SHRIKANT KASHIRAM MOHITE		61	RAHUL AJIT HALDANKAR	
30	SUYOG VASANT PATIL		62	MAHESH KISHOR DESHMUKH	
31	SAHIL SUNIL MORE		63	RANOJI CHETAN PATIL	
32	ABHISHEK RAJU GHUTUKADE				

Prof. P.S.Atigre
Workshop Coordinator
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT
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Dr. Vinayak H. Deokar
HOD
Mechanical Engineering Department

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Eng. & Tech. Institute

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DTE Code : EN6315

HOLY-WOOD ACADEMY'S

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AISHE Code : C-31345

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Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

Department of Mechanical Engineering

STUDENT'S ATTENDANCE

Workshop On : SAP Modules in Materials Management and Production Planning

Date : 06/10/2023

Class: S.Y. Mechanical

Time : 10:00 am To 03:30 pm

Roll No	Name of Student	Signature	Roll No	Name of Student	Signature
1	BAHADURE SUDESH RAMCHANDRA		35	KAMBLE ADITYA SANJAY	
2	BHOPALE SAMRUDDHI PRAKASH		36	CHAUGALE AKASH KISAN	
3	LAD SAHIL SARDAR		37	CHAVAN PRATIK VILAS	
4	MANE ANIKET JAGADISH		38	HARUGALE KUNAL KRISHNA	
5	PATIL PRATHMESH HINDURAO		39	LAMBOR BALASO DHONDIRAM	
6	PATIL PRATHMESH TANAJI		40	PATIL SATYAJEET VILASRAO	
7	PATIL RUTURAJ BALASO		41	MORE VIJAY KRISHNAT	
8	PHARANE VIVEK SATISH		42	WAREKAR SWAPNIL SITARAM	
9	POWER RAJ SAMBHAJI		43	CHOUGALE SHUBHAM RANGRAO	
10	BADADE YASH HANUMANT		44	PAWAR VIJAY SHANKAR	
11	MUJAWAR KAYYUM ISAK		45	BORADE ANIKET HANUMANT	
12	CHIKHALE ABHISHEK SHIVAJI		46	PATIL HARSHAWARDHAN YASHAVANT	
13	THORAT NIRAJ BABASO		47	GADE AJINKYA DINESH	
14	LINGAYATGURAV VEDANG VINAYAK		48	JARAD ATUL PANDURANG	
15	NALAVADE NIVAS HUAPPA		49	POTDAR PRASAD MILIND	
16	ZENDE DARSHAN PRAMOD		50	VANDURE SHUBHAM MAHADEV	
17	KHOND AMAR SANJAY		51	SANKPAL SOURABH GANAPATI	
18	TIBILE TEJAS SHIVAJI		52	SUTAR GANESH PANDURANG	
19	THORAT RISHIKESH SADANAND		53	SANADI ADNAN MUNIR	
20	AMATE ANIKET NITIN		54	SANADI ZAID MUNIR	
21	GIRIBUVA SHUBHAM BHAGAWAN		55	PATIL ADITYA MAHADEV	
22	PATIL AMOL SATAPPA		56	PATIL SANGRAM PRAKASH	
23	PATIL PRASHANT SHIVAJI		57	PATIL SAHIL PANDURANG	
24	SAWANT SAHIL SURESH		58	JADHAV UDDHAV UTTAM	
25	GADEKAR PADMA SURESH		59	PATIL ASHISH VASANT	
26	MULIK PRIYANKA ASHOK		60	MINCH ROHAN APPASAHEB	
27	PATIL OMKAR SANJAY		61	PATIL AMAR RAJARAM	
28	KSHIRSAGAR OMKAR ASHOK		62	SHINDE SAMEER SUBHASH	
29	MADEKAR RITESH RAVINDRA		63	SALOKHE YASH PANDURANG	
30	TOPKAR PRAJWAL RAJARAM		64	BHOSALE SANGRAM SANJAY	
31	MAGDUM SURAJ RAMGONDA		65	VATHARE SANKET SUDHAKAR	
32	JAGADALE SUDESH SANJAY		66	VADAKAR SHREYASH PRAKASH	
33	BHALBAR RUSHIKESH SUSHANT		67	PATIL PRANAV NARAYAN	
34	CHOUGALE ADARSH BHIMRAV		68	DURGULE YOGESH PARSU	

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Date: 2023.10.06 17:44:11 IST
Reason: SAP
Location: SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE

P.S.Atigre
Prof. P.S.Atigre
Workshop Coordinator
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT
SETI PANHALA

Dr. Vinayak H. Deokar
HOD
Mechanical Engineering Department

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Panhala - 416 201

ACTIVITY REPORT

SETI PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Date: 06/10/2023

One Day Workshop On

"SAP Modules in Materials Management and Production Planning"

In Association With Prudentia Technology Solutions India Pvt. Ltd. Pune

Activity Report

1. **Title of Workshop :** SAP Modules in Materials Management and Production Planning.
2. **Date of Workshop:** 6th October 2023
3. **Organized By :** Mechanical Engineering Department S.E.T.I. Panhala
4. **Collaborating Agency :** Prudentia Technology Solutions India Pvt. Ltd. Pune
5. **Resource Person/Trainer :** Mr. Soumitra Pawar (SAP-Trainer)
6. **Objectives of the Workshop:**

In this workshop, the efforts are taken to provide in depth knowledge to the students about various SAP modules such as Materials Management Module and Production Planning Modules. After completing this workshop students came to know about following points:

a. Concept of SAP and its importance

b. Different Modules of SAP

c. Various steps and processes associated with these SAP modules

d. Benefits of Materials Management Module, Production Planning Modules to industries

e. Importance of SAP Training

f. Career opportunities as SAP Engineer with these modules.

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7. **Place of Activity (venue):** Mechanical Engineering Computer Laboratory

8. **Number of Participants:** Total 51 students participated for this workshop

9. **Participants From:** Students from Mechanical Engineering Department

10. **Photographs:**

Photograph 1 : Workshop on SAP Modules in Materials Management and Production Planning

MECHANICAL ENGINEERING DEPARTMENT
SETI PANHALA

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Somwar Peth, Panhala - 416 201

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Photograph 2 : Workshop on SAP Modules in Materials Management and Production Planning

11. Report Prepared By: Asst. Prof. Praveen S. Atigre

P.S. Atigre

Prof. Praveen S. Atigre
Workshop Coordinator
S.E.T.I. Panhala

Dr. V. H. Deokar
H.O.D.
S.E.T.I. Panhala

Dr. Sanjeev N. Jain
Principal
S.E.T.I. Panhala

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Panhala - 416 201

MECHANICAL ENGINEERING DEPARTMENT
SETI
PANHALA

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FEEDBACK OF THE STUDENTS

MECHANICAL ENGINEERING DEPARTMENT
SETI
PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Date: 06/10/2023

Feedback Form

Title of Workshop : SAP Modules in Materials Management and Production Planning

Date : 06th October 2023

Name of Expert : Mr. Soumitra Pawar (SAP-Trainer, Prudentia Technology Pvt. Ltd)

Location : Mechanical Class Room-208

Instructions: Please indicate your level of agreement in the statements listed below

Please tick your level of agreement with the statements listed below	Strongly Disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly Agree (5)
1 The objectives of the workshop were clearly defined.	1	2	3	4	5
2 The workshop objectives were met.	1	2	3	4	5
3 The trainer was knowledgeable aboutthe training topics.	1	2	3	4	5
4 The trainer was well prepared.	1	2	3	4	5
5 The content was organized and easy to follow.	1	2	3	4	5
6 The quality of instructions were good.	1	2	3	4	5
7 The materials distributed were pertinent and useful.	1	2	3	4	5
8 Adequate time was provided for questions and discussion.	1	2	3	4	5
9 Participation and interaction wereencouraged.	1	2	3	4	5

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

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Panhala

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SANJEEV NATVAR JAIN
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10. The time allotted for the workshop was sufficient	1	2	3	4	5
11 The workshop met my expectations	1	2	3	4	5
12 I will be able to apply the knowledge learned.	1	2	3	4	5
13 This experience will be useful for me during the placement activity.	1	2	3	4	5
14 I would be interested in attending an advanced workshop / programs on this same subject	1	2	3	4	5
15 The meeting room and facilities were adequate and comfortable	1	2	3	4	5

❖ **Overall rating for this program?**

Very Poor (1) ☐ Poor (2) ☐ Average (3) ☐ Good (4) ☐ Excellent (5) ☐

❖ **Please share other comments or expand your views on previous responses here:**

_____

_____

_____

Signature of the Student: _____ (Optional)

Name of the Student: _____ (Optional)

Department: _____ (Optional)

Please return this form to the Workshop Coordinator at the end of the workshop.

Thank you for your valuable feedback!

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Signature Not Verified
SANJEEV NATVAR JAIN
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Date: 06/10/2023

Feedback Form

Title of Workshop : SAP Modules in Materials Management and Production Planning

Date : 06th October 2023

Name of Expert : Mr. Soumitra Pawar (SAP-Trainer, Prudentia Technology Pvt. Ltd)

Location : Mechanical Class Room-208

Instructions: Please indicate your level of agreement in the statements listed below

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MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

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Very Poor (1) ☐ Poor (2) ☐ Average (3) ☐ Good (4) ☐ Excellent (5) ☐

❖ **Please share other comments or expand your views on previous responses here:**

_____

_____

_____

Signature of the Student: _____ (Optional)

Name of the Student: _____ (Optional)

Department: _____ (Optional)

Please return this form to the Workshop Coordinator at the end of the workshop.

Thank you for your valuable feedback!

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala

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Date: 06/10/2023

Feedback Form

Title of Workshop : SAP Modules in Materials Management and Production Planning

Date : 06th October 2023

Name of Expert : Mr. Soumitra Pawar (SAP-Trainer, Prudentia Technology Pvt. Ltd)

Location : Mechanical Class Room-208

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- **Please share other comments or expand your views on previous responses here:**

_____

_____

_____

Signature of the Student: _____ (Optional)

Name of the Student: _____ (Optional)

Department: _____ (Optional)

Please return this form to the Workshop Coordinator at the end of the workshop.

Thank you for your valuable feedback!

MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

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DTE Code : EN6315

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Pin-416 201 (Maharashtra) Phone : 9146999500

NAAC Accredited

AICTE ID : 1-9019431
AISHE Code : C-12183

- Approved By AICTE, New Delhi
- Recognized by Govt. of Maharashtra & DTE
- Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Raigad

Department of Mechanical Engineering

STUDENT'S ATTENDANCE

Workshop On SAP Modules in Materials Management and Production Planning

Date : 06/10/2023 **Time :** 10:00 am To 3:30 pm

Sr. No	Name of Student	Class (SY/TY/B.E.)	Signature
1	Tejas . S . Tibile	S Y (Mech)	Tibile
2	Sahil Sardar Lad	S·Y (Mech)	
3	Aniket Jagdhish Mane	S·Y (Mech)	
4	Sangram Sanjay Bhosale	SY (mech)	
5	Darshan pramod Zende	SY (mech)	
6	Vijay Krishnat more	SY (mech)	
7	Kayyum Isak mujawar	SY (mech)	
8	Aniket H. Borade	SY (Mech)	
9	Shubham M. Vandure	S.Y. Mech.	
10	Amol Sattappa Patil	S.Y · mech	
11	Yash Pandurang Salokhe	SY Mech	
12	Sanket Sulhakar Dathare	SY mech	
13	Shubham Bhagawan Giribuna.	SY mech	
14	Shubham Rangrao Chougale	S.Y Mech	
15	Aditya Sanjay Kamble	S.Y Mech	
16	Swapnil Sitaram Wavekar	S.Y. mech	
17	Virendra Rajaram Kadam	T.Y Mech	
18	Sakshi Sadashiv Nalawade	T. Y. Mech	
19	Patil Amruta Ashok	T. Y Mech	
20	Patil Yashraj Sardar	T.Y Mech	
21	Varad Shrikant Inamdar	T.Y. Mech	

Signature Not Verified
SANJEEV NATVAR JAIN
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Department of Mechanical Engineering

STUDENT'S ATTENDANCE

Workshop On SAP Modules in Materials Management and Production Planning

Date : 06/10/2023 **Time :**10:00 am To 3:30 pm

Sr. No	Name of Student	Class (SY/TY/B.E.)	Signature
22	Digambar Sunil Sathan.	B.E.	
23	Gugar Anikeet Namdev	TY	
24	Aakash Chandrakant Kumbhe	TY	
25	Chavan Suraj Rangao	TY	
26	Gaikwad Jitendra Pramod	TY	
27	Gauresh Rajesh Sapale	B.E	
28	Omkar Shashikant Sarkar	B.E	
29	Rohan Gajanan Nala	TY	
30	Sushant Sanjay Lad	TY	
31	Suraj Dhanaji Kadam	TY	
32	Samir Dada Mulani	TY	
33	Kiran Bharat Patil	TY	
34	Bawale Vishwajit Prafulla	BE	
35	Dhiraj Shivaji Lahar	BE	
36	Dhananjayashri H. Bagadi	BE	
37	Ravindra Bajirao Phatak	TY	
38	Anagam Gaurav Sherdage	B.T.Y	
39	Yash. Jaywant. Sarnobat	T.Y	
40	Aman Imtiyaj Desai	T.Y	
41	Saurabh Ashok Pant	T.Y	
42	Kaustubh Rajendra Jadhav	B.E	

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Department of Mechanical Engineering

STUDENT'S ATTENDANCE

Workshop On SAP Modules in Materials Management and Production Planning

Date : 06/10/2023

Time : 10:00 am To 3:30 pm

Sr. No	Name of Student	Class (SY/TY/B.E.)	Signature
43	Devendra Suresh Jadhav	T.Y ME	Jadhav.
44	Atul Ajit Patil.	T.Y ME	Atul
45	Abhishek Rakesh Ghorpade	T.Y.....ME.	Ghorpade.
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CAD mantra.
23-24.

3-Days Workshop on "AutoCAD Software"

In Association with

CAD MANTRAA Training Institute

Guest /Trainer	Mr. Ritosh P. Koli
Organization	CAD MANTRAA Training Institute, Warana Nagar, Kolhapur
Date	22nd November 2023 to 24th November 2023
Time	09:30 am To 1:30 pm.
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech)
Venue	Mechanical Engineering Department (Computer Lab)

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PRINCIPAL PERMISSION LETTER

MECHANICAL ENGINEERING DEPARTMENT
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HOLY-WOOD ACADEMY'S
SANJEEVAN
ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA
Sanjeevan Knowledge City, Sumwar Peth-Injale, Panhala, Tal. Panhala, Dist. Kolhapur
Pin-416 201 (Maharashtra) Phone : 9146999500
DTE Code : EN6315
NAAC Accredited
AICTE ID : 1-8019451
AISHE Code : C-11165
Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DT
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Ra

Date - 15/11/2023

To,

The Principal,

S.E.T.I., Panhala.

Subject: - Regarding permission to arrange 3-Days Workshop on "AutoCAD Software" in association with CAD MANTRAA Training Institute for Mechanical Engineering Students.

Respected Sir,

Our Mechanical Engineering Department would like to arrange 3-Days Workshop on "AutoCAD Software" in association with CAD MANTRAA Training Institute for Mechanical Engineering Students (All Classes), from 22nd November 2023 to 24th November 2023 (From 09:30 am to 1:30 pm). All students of Mechanical Engineering will get the advantage of this program.

So kindly allow our Mechanical Engineering Department to organize this workshop on above mentioned topic for the benefit of our students.

HOD
Mechanical Engineering
Sanjeevan Engg. & Tech. Institute, Panhala.

P.S.Atigre

Prof. Praveen S. Atigre
Workshop Coordinator
Mechanical Engineering Department

Dr. Vinayak H. Deokar
H.O.D.
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT
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DEPARTMENT NOTICE

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Sanjeevan Knowledge City, Somwar Peth Injole, Panhala, Tal. Panhala, Dist. Kolhapur
Pin- 416 201 (Maharashtra) Phone : 9146999500
DTE Code : ENG315
NAAC Accredited
AICTE ID : 1-8010451
AISHE Code : C-11165
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Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Ra

Date - 20/11/2023

NOTICE

All the students of Mechanical Engineering Department are hereby informed that, there is 3-Days Workshop on "AutoCAD Software" in association with CAD MANTRAA Training Institute for Mechanical Engineering Students. The details are as follows:

Title	Workshop on "AutoCAD Software"
Trainers	Mr. Ritosh P. Koli
Organization	CAD MANTRAA Training Institute, Warana Nagar, Kolhapur
Date	22nd November 2023 to 24th November 2023
Time	09:30 am To 1:30 pm.
Class	All Classes (S.Y. B.Tech, T.Y. B.Tech & Final Year B.Tech)
Venue	Mechanical Engineering Department (Computer Lab)

Attendance is mandatory for all students.

P. S. Atigre

Prof. Praveen S. Atigre
Workshop Coordinator
Mechanical Engineering Department

HOD
Mechanical Engineering
Sanjeevan Engg. & Tech. Institute, Panhala.

Dr. Vinayak H. Deokar
H.O.D.
Mechanical Engineering Department

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GUEST INVITATION LETTER

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Pin- 416 201 (Maharashtra) Phone : 9146099500
DTE Code : EN6315
NAAC Accredited
AICTE ID : 1-0010431
AISHE Code : C-11165
Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra & DT
Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Ra

Date- 20/11/2023

To,

Mr. Ritosh P. Koli

CAD MANTRAA Training Institute

Warana Nagar, Kolhapur.

Subject- Invitation as a Trainer for 3-Days Workshop on "AutoCAD Software" for Mechanical Engineering Students.

Dear Sir / Madam,

Our Institute is established in 2009 in a view to impart engineering education to Under Graduate (UG) & Post Graduate (PG) Students. We wish to arrange 3-Days Workshop on "AutoCAD Software" for Mechanical Engineering Students (All Classes). This will include sessions on 2D drafting, 3D Drafting & various commands in AutoCad Software. This program will be helpful for our Mechanical Engineering Students from their career point of view.

We would like to invite you to deliver your knowledge in the above mentioned field & address our students from **22nd November 2023 to 24th November 2023.**

Thanking you...

Yours faithfully,

P.S. Atigre

Prof. Praveen S. Atigre
Workshop Coordinator
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT
SETI PANHALA

HOD
Mechanical Engineering
Sanjeevan Engg. & Tech. Institute, Panhala.

Dr. Vinayak H. Deokar
H.O.D.
Mechanical Engineering Department

PHOTOGRAPHS

3-Days Workshop on "AutoCAD Software"

In Association with

CAD MANTRAA Training Institute

PHOTOGRAPHS (Date: 22nd November 2023 to 24th November 2023)

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ATTENDANCE

MECHANICAL ENGINEERING DEPARTMENT
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Pin-416 201 (Maharashtra) Phone : 9146099500

DTE Code : EN6315

NAAC Accredited

AICTE ID : 1-8009431
AISHE Code : C-11065

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MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

Department of Mechanical Engineering

STUDENT'S ATTENDANCE

Workshop On AutoCAD Software

Date : 22/11/2023 to 24/11/2023

Time :09:30 am To 1:30 pm

Sr. No	Name of Student	Class (SY/TY/B.E.)	Day-1 22/11/2023	Day-2 23/11/2023	Day-3 24/11/2023
1	Amol Satappa Patil	S.Y mech			
2	Sangram Prakash Patil	S.Y. Mech			
3	Shubham Rangrao Chougale	S.Y. Mech			
4	Shubham Bhagowan Ghribure	S.Y. Mech			
5	Yash Pandurang Salokhe	S.Y Mech			—
6	Sanket Sudhakar Vathare	S.Y. Mech	—		
7	Sahil Suresh Sawant	S.Y. mech			
8	Swapnil Sitaram Wanekar	S.Y. mech		—	
9	Darshan Pramod Zende	S.Y. mech			—
10	Yash. Jaywant. Sarnobat	T.Y Mech			
11	Abhishek. Rakesh. Ghorpade	T.Y Mech			
12	Swayam Shankar Shendage	T.Y Mech			
13	Rahul Haldunkar	T Y MEch		—	
14	Mahesh K. Deshmukh	TY Mech			—
15	Ravindra B. Phadke	T.Y. mech	—		
16	Pramod P. Bhosale	TY Mech	—		
17	Sohan N. Powar	T.Y. mech		—	
18	Rohan S. Lokhande	—"—			—
19	Sayog V Patil	T.Y. Mech			
20	Shrikant. K. Mohite	T.Y. mech			
21	Prathamesh C. Dongale	T.Y. Mech			
22	Vikram R. Sawand	T.Y. Mech			

P.S.Patil

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DTE Code : EN6315

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MECHANICAL ENGINEERING DEPARTMENT SETI PANHALA

Department of Mechanical Engineering

STUDENT'S ATTENDANCE

Workshop On AutoCAD Software

Date : 22/11/2023 to 24/11/2023

Time :09:30 am To 1:30 pm

Sr. No	Name of Student	Class (SY/TY/B.E.)	Day-1 22/11/2023	Day-2 23/11/2023	Day-3 24/11/2023
23	Tejas S. Tibile	SY (Mech)	Tibile	Tibile	Tibile
24	shubham M. vandure	S.Y. mech		—	
25	Sangram S. Bhosale	S.Y mech	Bhosale	Bhosale	—
26	Aniket Jagadish More	S.Y mech	A.J. more	A.J. more	A.J. more
27	Sahil sardar lad	S.Y mech		—	
28	Prathmesh Tanji Patil	mech	Patil	Patil	—
29	Sudesh R. Bahadure	S.Y mech	Sudesh	Sudesh	—
30	Vijay Krishnat More	S.Y mech	More	—	More
31	Omkar Shashikant Jadhav	B.tech	Jadhav	Jadhav	Jadhav
32	Dipak. Devendra Nagari	B tech	Nagari.	Nagari	Nagari
33	Anish Vasant Patil	B. Tech	Apatil	Apatil	Apatil
34	sahil. Nitin. Shinde	B.tech	Shinde	Shinde	Shinde
35	Bavale Vishwesh Prasanna	B tech	Bavale	Bavale	Bavale
36	Niranjan. Jayavant Jadhav	B.Tech			
37	pratheesh magdum	B. Tech			
38	PAWAR VIJAY SHANKAR	S.Y. Mech			
39	Aniket H. Borade	SY Mech		—	
40	Kayyum I. mujawar.	SY. Mech			
41	Rushikesh Khot	B. Tech			
42	Pruthviraj. C. Taralekar.	S.Y. Mech			
43	Kaustubh R Jadhav	B. Tech	K.Jadhav	K.Jadhav	K.Jadhav
44	Gauresh. R Sapale	B. Tech			

P.S. Ali

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ACTIVITY REPORT

MECHANICAL ENGINEERING DEPARTMENT
SETI
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Date: 24/11/2023

Report
On
3-Days Workshop on "AutoCAD Software"
In Association with
CAD MANTRAA Training Institute

1. **Title of Workshop :** AutoCAD Software
2. **Date of Workshop:** 22nd November to 24th November 2023 (9:30 am to 1:30 pm)
3. **Kind of Activity:** Hands on Training / Hands on Experience
4. **Organized By :** Mechanical Engineering Department
5. **Collaborating Agency :** CAD MANTRAA Training Institute, Warana Nagar Kolhapur
6. **Resource Person /Trainer:** Mr. Ritosh P. Koli
7. **Objectives of the Workshop:**

The objective of this workshop is to provide the training to the students about using the basic commands and tools necessary for professional 2D & 3D drawing, design and drafting using AutoCAD. After completing this workshop students will be able to:

a. Understand various creating and editing commands in AutoCAD
b. Use AutoCAD for creating 2D & 3D drawings.
c. Understand the concept and techniques to draw.
d. Create multiple designs using several tools.
e. Explain drawing using annotations.
f. Plot or print the drawing by scale.

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8. **Place of Activity (venue):** Mechanical Engineering Department (Computer Lab) P.C.Ahig

9. **Number of Participants:** Total 44 students participated (44 Students Participa

10. **Participants from:** Students from Mechanical Engineering Department (S.Y.Mechanical, T.Y. Mechanical, B.Tech Mechanical)

11. **Workshop Discussions & Hans on Training On :**

Day 1 Wednesday (22/11/2023)	**Introduction** CAD DESK, AutoCAD, GUI, Commands, use of mouse and keyboard, File extensions, Lim (LI),units (UN), selection, Views **2D Drafting** Drawing Toolbar - Point (Po), Co-ordinate systems, Various Commands such as Line (L), Circle (C), Ellipse (EL), Arc (A), Polygon (POL), Rectangle (REC) **Modifying Toolbar** Move (M), Rotate (RO), Scale (SC), Erase (E), Copy (CO), Mirror (MI), Trim (TR), Exten (EX),Explode (X), Stretch (S), Offset (O), Array (AR), Fillet (F), Chamfer (CHA) **Drafting Setting Toolbar** Infer constraint (INFE), Snap (F9), Grid (F7),Ortho (F8), Polar (F10), Object Snap (F3),3D object Snap (F4), Object Track (F11),Dynamic UCS (F6), Dynamic Input (F12),Line weight, Quick property, selection cycle **Practical Tutorials on Above**
Day 2 Thursday (23/11/2023)	**Annotation** Single line text (DT),multi-line text (T), Dimensions (Q dim), multi leader (MLD), Table (TB)Styles Managers– Text Style (ST),Dimension style (D), Multi leader style (MLS), Table Style (TS) **Layer** Layer Property manager (LA),Layer Isolation (LAISO), Layer Unisolation (LAUNISO) Block– MakeBlock (B), Insert Block (I),Dynamic Input, Block Attribute Properties – Object Color, Line weight(LW), Line type (LT), List (LI), Match Property (MA), Filter(FI) **Practical Tutorials on Above**

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Day 3 Friday (24/11/2023)	**Introduction** View manager, Visual style, 3D Modeling Solid Editing toolbar, Modifying toolbar, Material, Lights, Camera, Render **Plotting** Printing setting, Layout, Import, Export **Practical Tutorials on Above** **Includes Orthographic Projection, Section Views etc**

12. Photographs: One Week Workshop on "AutoCAD Software"

Hands on Training (AutoCAD Software)

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Hands on Training (AutoCAD Software)

P.S.Atigre

Prof. Praveen S. Atigre
Workshop Coordinator
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT
SETI PANHALA

Dr. Vinayak H. Deokar
H.O.D.
Mechanical Engineering Department

HOD
Mechanical Engineering
Sanjeevan Engg. & Tech. Institute, Panhala.

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GUEST THANKING LETTER

MECHANICAL ENGINEERING DEPARTMENT
SETI
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Permanent Affiliation by Dr. Babasaheb Ambedkar Technological University, Ra

Date- 24/11/2023

To,

Mr. Ritosh P. Koli

CAD MANTRAA Training Institute

Warana Nagar, Kolhapur.

Dear Sir,

We would like to extend our sincere thanks to you for delivering series of lectures & hands on training in **3-Days Workshop on "AutoCAD Software"** from **22nd November 2023 to 24th November 2023** for our Mechanical Engineering Students. We are glad to say that the response from the students was enthusiastic. The information presented by you is definitely beneficial to our students for their career enhancement.

We genuinely thank you once again for the support and time given by you and we sincerely hope that you would continue to extend your valuable support in our future initiatives as well.

Thanking you.

P.S.Atigre

Prof. Praveen S. Atigre
Workshop Coordinator
Mechanical Engineering Department

MECHANICAL ENGINEERING DEPARTMENT
SETI PANHALA

HOD
Mechanical Engineering
Panhala

Dr. Vinayak H. Deokar
H.O.D.
Mechanical Engineering Department

Department of Civil Engineering

2.3.1 Participative learning

3. Guest lecture, Workshop, seminar conducted summary

Year	Sr. No.	Event	Title of guest lecture	Date	Name of guest
2022-23	1	Webinar	Concrete mix design	24/11/2022	Prof. E. P. Salokhe
2022-23	2	Workshop	Revit software 3D perspective	28 /11/2022-3/12/2022	Mr.Ritosh P. Koli
2022-23	3	Seminar	Repair maintenance of concrete structure	23/03/2023	Prof.J.S.Mevekari
2022-23	4	Guest lecture	Modern tools and Technics in Civil Engineering	11/05/2023	Mr.Rajesh Bhate

HOD
Civil Engineering
Sanjeevan Engineering & Technology Institute
Somwar Peth, Panhala, Dist. Kolhapur. (416 201)

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MSBTE CODE 1742

Bhonsale Knowledge City,
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Tal. Sawantwadi
Dist. Sindhudurg 416510
Maharashtra, India

Phone : 02363 - 273535/273456

email : ybpolytechnic@gmail.com

www.ybpolytechnic.com

Mrs. Adv. Asmita A. Sawantbhonsale
Chairman

Mr. Achyut K. Sawantbhonsale
Executive Chairman

Mr. Sanjeev I. Desai
Secretary

Mr. Gajanan A. Bhonsale
Principal

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Ref. No. YBP/2021-22/560

Date: 21-11-2022

To,
Prof. Eknath P. Salokhe
Associate Professor
Department of Civil Engineering,
Sanjeevan Engineering & Technology,
Institute, Panhala

Sub: Invitation for webinar on "Concrete Mix Design" on 24/11/2022.

Respected Sir,

We would like to introduce ourselves as one of the renowned emerging institute, providing education in Civil, Mechanical, Computer and Electrical Engineering Programs.

It is one of the progressive educational institutes in Konkan region and striving for excellence. We train our students in both technically and soft skills, a much-needed aptitude in them. For holistic development of students, we are arranging expert lectures on various technical topics as well as personality development.

As per your telephonic discussion we would like to invite you as an Expert guest lecturer to deliver a lecture on **"Concrete Mix Design"** on **24.11.2022 at 10.30 am to 12.00 pm** for students and faculties from **Civil Engineering group**. Kindly share your thoughts with case studies and conduct interactive seminar.

Please accept our invitation & do a favour looking forward to the knowledgeable lecture.

For any detail information,

Contact-Principal, YBP

Name of Principal and HOD	Name: 1) Prof. G. A. Bhosale (9552903783) 2) Mr. P. P. Sawant (9403101880) Tel No. 02363-273535 Fax- 02355-264173

YASHWANTRAO BHONSALE POLYTECHNIC Charathe Tal. Sawantwadi Dist. Sindhudurg

Principal
Yashwantrao Bhonsale Polytechnic

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MSBTE CODE 1742

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Mrs. Adv. Aamita A. Sawantbhonsale
Chairman

Mr. Achyut K. Sawantbhonsale
Executive Chairman

Mr. Sanjeev L. Desai
Secretary

Mr. Gajanan A. Bhosale
Principal

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Ref. No. YBP/2021-22/575

Date: 24-11-2022

To,
Prof. Eknath P. Salokhe
Associate Professor
Department of Civil Engineering,
Sanjeevan Engineering & Technology,
Institute, Panhala

Sub: **Thank you note & Appreciation** for your Webinar on **"Concrete Mix Design"** at our Institute on 24-11-2022.

Respected Sir,

It's a pleasure for us that you delivered webinar for our diploma students and Faculties of Civil Group on 24th November 2022.

Webinar was interesting and informative. Your valuable session will not only motivate our students in academic career but also in real life and corporate life. You started with some basic and technical features of Concrete Mix Design with practical examples. You further elaborated the session by explaining ingredient of concrete, methods of concrete mix design, concrete mix proportioning as per IS code.

We would like to thank you for conducting such an outstanding session We would be delighted to have you again as guest speaker on another occasion.

We once again thank you for your valuable time and consideration.

YASHWANTRAO BHONSALE POLYTECHNIC Charathe Tal. Sawantwadi Dist. Sindhudurg 416510 (MS)

Principal

Mr. G. A. Bhosale
Principal
Yashwantrao Bhonsale Polytechnic

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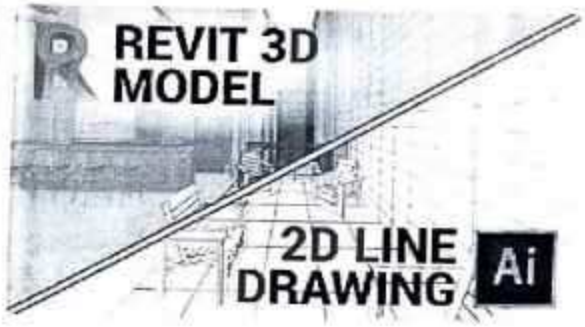
4. Guest lecture, Workshop, seminar, visit conduction reports with photos, attendance

ABOUT THE SANJEEVAN

Sanjeevan Engineering and Technology Institute (SETI) is an establishment of Sanjeevan, meets the needs of technology driven modern 21st Century. The Institute is approved by All India Council for Technical Education, New Delhi, recognized by Directorate of Technical Education, Govt. of Maharashtra and affiliated to DBATU Lonere. Sanjeevan Engineering & Technology Institute (SETI) is long cherished dream of Founder- Chairman Mr. P. R. BHOSALE, an Educationalist having experience about two decades. His aim is to impart quality education to the students from nook and corner of the country. No doubt, Sanjeevan Engineers will be the best professionals with added values of Indian Heritage. The college is offering undergraduate degree courses in Computer, Civil, Mechanical, Electrical, and postgraduate courses in Mechanical. All above courses are approved by AICTE New Delhi & affiliated to DBATU Lonere.



SCOPE AND OUTCOME OF WORKSHOP

The hands on workshop on REVIT 3D perspective are meant for all those who are working on building drawing. The workshop is designed to achieve the confidence and practice to draw a 3D perspective using various commands used consecutively. Workshop focuses on developing a plan as a key asset to draft elevation and section which are the essential elements of 3D perspective. Also it focuses on dimensioning, annotation and scheduling.

Workshop emphasizes lectures on 3D perspective, elaborating the views of architect in drafting

OBJECTIVES OF WORKSHOP

- To introduce importance of advance drafting software like Revit to students
- To enable students to create full 3D architectural project model and set them up in working drawing.
- To visualize for designing displaced building design views enhancement of performance for visualization, capturing drawing ideas in photorealistic state.

VENUE

Seminar Hall,
Department of Civil & Engineering,
Sanjeevan Engineering & Technology Institute,
Panhala

CHIEF PATRON

HON. SHRI. P. R. BHOSALE
Founder & Chairman,
Holy-Wood Academy, Kolhapur.

PATRON

HON. SHRI. N. R. BHOSALE
Joint Secretary,
Holy-Wood Academy, Kolhapur.

PROGRAM CHAIR

DR. S. N. JAIN
Principal,
SETI, Panhala

CONVENER

Prof. J. S. Mevekari
HEAD CIVIL Dept.
SETI Panhala
Mob. : 9890530101

COORDINATOR

Prof. A. N. Dhende.
(Assistant Professor, Civil Dept.)
Mob. : 8446824475

ORGANIZING COMMITEE

Prof. E. P. Salokhe.	Prof. S. S. Chavan
Prof. S. M. Shinde.	Prof. A. C. Thoke
Prof. J. J. Gavade.	Prof. A. M. Momin

Sanjeevan Engineering & Technology Institute

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One week Workshop
On

"REVIT SOFTWARE (3D Perspective)"

28 Nov. 2022 to 03 Dec. 2022

REGISTRATION FORM

1. Name: _____
2. Registration Category: Student / Staff / Industry
3. Name of College/Industry: _____
_____
4. Designation: _____
5. Qualification: _____
6. Address: _____
_____ Pin: _____
7. Mobile No.: _____
8. Email: _____
9. Details of Registration:
10. Cash: _____
11. Do you have your own laptop: Y/N_____

Date: **Signature of Applicant**

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HIGHLIGHTS OF WORKSHOP

1. Theoretical perceptive of Municipal submission.
2. Conceptual framework of Municipal submission with REVIT.
3. Drafting plan using various tools.
4. Hands-on with REVIT to develop 3D perspective plan.

RESOURCE PERSONS

- **Ritosh P. Koli**
Software Trainer, Kolhapur

WHO CAN ATTEND?

Students,
Faculty

REGISTRATION FEE

1) Students - 50/-
Participants can send Registration Form by post on given address before last date. The Registration form is also available on www.seti.edu.in

Last Date of Registration: 26 November 2022

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"REVIT SOFTWARE (3D Perspective)"

28 Nov. 2022 to 03 Dec. 2022

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Prof. J. S. Mevekari
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SETI Panhala

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(Assistant Professor, Civil Dept.)

Organized by
DEPARTMENT OF CIVIL ENGINEERING

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SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE
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Tal. Panhala, Dist. Kolhapur-416201. (M. S.)
Phone:-0231-2686621 to 2686624, Fax: 0231-2686629.
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Approved By AICTE, New Delhi ▪ Recognized by Govt. of Maharashtra & DTE ▪ Affiliated to Dr. Babasaheb Ambedkar Technological University, Raigad (MS.)
Website : www.seti.edu.in Email : principal@seti.edu.in / office@seti.edu.in

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Report on Workshop: "REVIT SOFTWARE (3D Perspective)"

Date: 05/12/2022

➢ Name of Workshop.	REVIT SOFTWARE (3D Perspective)
➢ Name of Resource Person	Ritosh P. Koli, Software Trainer, Kolhapur
➢ Contact details of resource person	9405665111
➢ Name of workshop Coordinator	Prof. Abhideep N. Dhende
➢ Number of Students registered for workshop	38
➢ Workshop conducted at	Civil Engg. Department SETI, Panhala
➢ Total workshop hours	36 hours (6 Days)
➢ Scheduled of workshop	28 Nov. 2022 to 03 Dec. 2022

Revit is software mainly used for 3D Modelling or BIM (Building Information modelling). It will create a perfect scenario of what is going to happen at the construction site. So basically all the design clashes will be able to rectified using the Revit Model. Moreover, there is option for Structural Design and Analysis of Framing, Columns, Slabs etc. We can use this software for Rebar detailing. And the most important one is cost reduction in Estimation of the project as we can purge all the unwanted and unused materials

BIM relies on software like Revit to design and model buildings and their components in 3D. Revit allows for entire buildings or parts of buildings to be modelled and worked on, which is very useful for all parties involved in construction projects. Using Revit modelling as part of the BIM process eases the creation of 3D renders, 3D perspectives, detailed drawings and walkthroughs. All these features were not available in traditional 2D CAD software.

A key benefit of Revit modelling is that it helps coordinate all participants involved in construction projects, such as interior designers, architects, structural engineers. This collaboration leads to accurate designs, clash-free models and less time spent on rework, which results in significant cost savings. Another benefit of using Revit is that any change applied to any view or plan is automatically applied throughout the model. For example, if the position or location of a wall is altered, then all adjacent features change according to the new location - walls, floors, roofs, windows and doors. Any annotation or dimension values are amended as well.

The civil department has arranged a 6 days workshop on software REVIT SOFTWARE (3D Perspective) for civil engineering students from 28 Nov. 2022 to 03 Dec. 2022. Overall 38 students have participated in this workshop.

The inaugural function of workshop was done in presence of DR. S. N. JAIN Principal, SETI, Panhala, Prof. J. S. Mevekari Head of civil Department on starting day of workshop with SE and TE civil students

Revit Architecture is recent software in civil field and mostly used for building planning and modelling. Mr. Ritosh P. Koli has given lecture on Revit for 6 days and his team support to students for practicing. Mr. Ritosh P. Koli is the Software Trainer at Kolhapur.

Day wise summary of the workshop

Day 1	• Introduction • Overview Project Templates Tool Palettes Default Project Template Exploring the User Interface Starting a Project • Practical Tutorials on Above
Day 2	• Project Units Dimensions Levels Modifying level & editing Create Grids, Editing grid Wall Properties Wall Shapes & Draw panel Profile edit Wall Joins Working with Grids Drawing a plan • Practical Tutorials on Above
Day 3	• Modify Commands • Move, Copy, Paste, Create Similar Rotate , Mirror, Array , Scale , • Scale , Trim / Extend Offset , Align, Split, Split Face • Doors Placing Door Properties Load From Family Windows Placing Windows Window • Properties • Component Loading Component Placing Components Modifying Properties Visibility Graphics • Managing Views Floor Plan View Elevation View Section View 3D Views, Section box • Practical Tutorials
Day 4	• Stairs • Creating Stairs Modifying Stairs Stair Properties Railing Editing Railing • Roofs • Roof by Footprint Roof by Extrusion Soffit, Fascia , Gutter Editing Material in Roof • Join/unjoin roofs

	• Practical Tutorials on Above
Day 5	• Lighting • External Lighting Internal Lighting • Site Design • Creating Top surface Modifying Top surface Sub region Building Pads Parking Components • Site Components • Practical Tutorials on Above
Day 6	• Plotting • Printing setting, Layout, Import, Export • Visibility & Graphics • Rendering Camera Walkthrough Export Image and walkthrough • Project Works • Practical Tutorials on Above

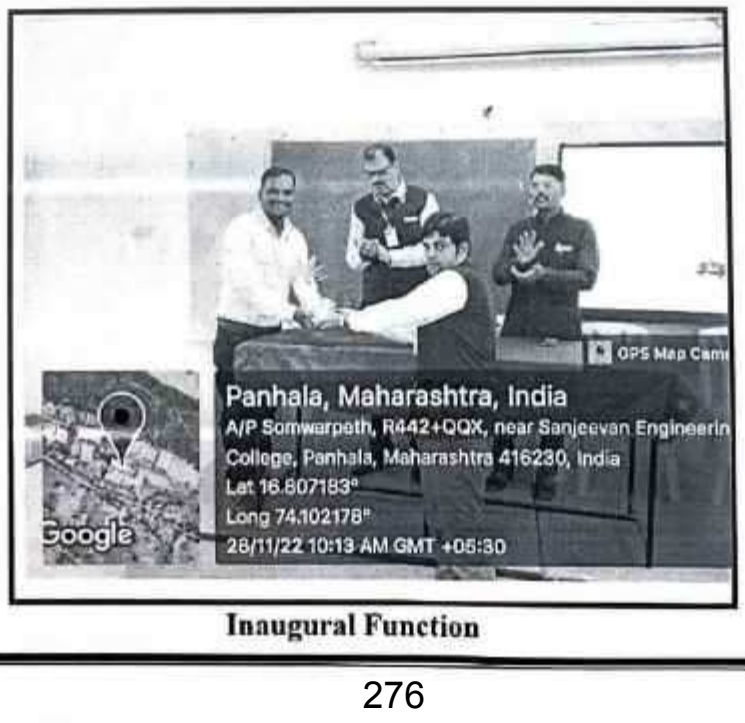
Outcomes of Workshop

1. To be familiar with advanced Civil Engineering Software like Revit architecture and its use in our field: After the completion of the workshop students are now familiar with the use of this software to draft the plan, elevation-sections, to update floor plans, floor levels and to develop the 3D views.

2. To Produce consistent, coordinated and complete model-based building designs and documentation: After competition of the workshop students are able to produce complete model based building design with the help of Revit Architecture software.

3. Use 3D visualisations to see a building before it's built.

Photographs



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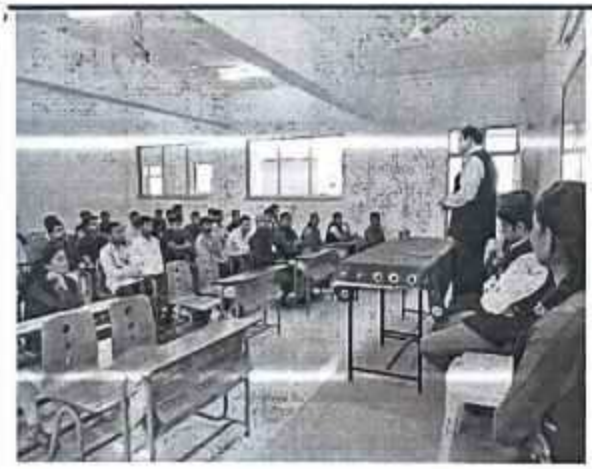

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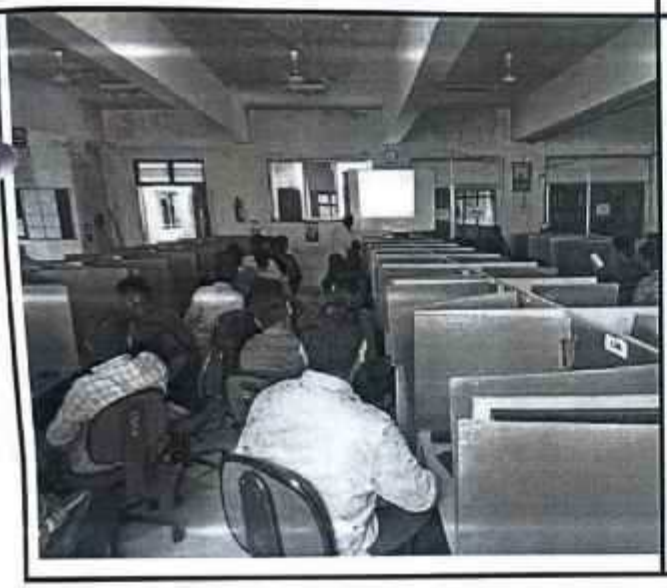
Workshop sessions



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PANHALA
KOLHAPUR

Prof A. N. Dhende
Workshop Co-ordinator

Principal
Sanjeevan Engineering & Technology Institute
Somwar Peth, Panhala, Dist. Kolhapur. (416 201)

Prof. J. S. Mevekari
H.O.D Civil Engg. Department

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Department Of Civil

GTT Pune,Sponsored One Week Workshop

REVIT SOFTWERE (3D Perspective)

Attendance

SR.NO	APPLICANTS FULL NAME	CLASS	SIGN					
			28/11/22	29/11/22	30/11/22	1/12/2022	2/12/2022	3/12/2022
1	Shubham Nandkumar Mali	B.Tech.Civil						
2	Apeksha Ambadas hingmire	B.Tech.Civil	A.A.Hingmire	A.A.Hingmire	A.A.Hingmire	A.A.Hingmire		
3	Sayali Shivaji Tambavekar	B.Tech.Civil						
4	Samiksha Suhas Shinde	B.Tech.Civil						
6	Onkar dhananjay mohite	B.Tech.Civil						
8	Bhushan Umesha Chavan	B.Tech.Civil						
10	Namrata Buddhiwan Adlinge	B.Tech.Civil						
11	Shinde Saroj Pandit	B.Tech.Civil	Shinde	Shinde	Shinde	Shinde		
12	Amol Pramod Jadhav	B.Tech.Civil						
13	Keval Madhukar Bhosale	B.Tech.Civil						
15	Nikhil Ananda Patil	B.Tech.Civil						
16	Pratik Sanjay Kamble	B.Tech.Civil						
17	Pruthviraj Laxman Savekar	B.Tech.Civil						
18	Rohit Tanaji Gaikwad	B.Tech.Civil						
20	Abhishek Waghmare	B.Tech.Civil						

19 Madhav Sunil Jokhande.(SY) civil

11 Sumeet Sunil khirugade.B.Tec

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Sanjeevan Engineering & Taechnology Institute Panhala

Department Of Civil

GTT Pune,Sponsored One Week Workshop

REVIT SOFTWERE (3D Perspective)

Attendance

SR.NO	APPLICANTS FULL NAME	CLASS	SIGN					
			28/11/22	29/11/22	30/11/22	1/12/2022	2/12/2022	3/12/2022
21	Rutuja jalindar gawade	B.Tech.Civil						
24	Kaustubh Khot	B.Tech.Civil						
30	Swapnil Dhondiram Patil	B.Tech.Civil						
34	Shubham jyoti shinde	B.Tech.Civil						
29	Vivek Vishwas Nikam	SY Civil						
5	Shabdali shivaji chougule	TY.Civil						
7	Yogesh Yuvraj Patil	TY.Civil						
14	Sahil Suraj dange	TY.Civil						
19	Shivam Vinod Jadhav	TY.Civil						
23	Soham sanjay katkar	TY.Civil						
25	Sarthak Sangramsinh Patil	TY.Civil						
26	Sanket Suryakant Shinde	TY.Civil						
27	Pratik sadashiv Lokare	TY.Civil						
28	Futane Supriya Subhash	TY.Civil						
31	Abhishek Chandrashekhar jugale	TY.Civil						
32	Amit Uttam Jamdade .	TY.Civil						
33	Prashant Sarjerao Deshmukh	TY.Civil						
9	Shrivallabh Sarjerao Chavan	Staff						
22	Shatrughan Madhavrao Birajdar	Staff						
35	Ajinkya Bajirao Patil	Staff						
36	Dadasaheb Navneet Dhayar	TY civil						
37	Rushikesh suresh kamble	TY civil						
38	Aaditya Balaso Patil	TY civil						
39	chougale shubham Babaso	TY civil						
40	Sumit Suresh Patil	TY civil						

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ONE WEEK WORKSHOP ON " REVIT SOFTWARE 3D (PERSPECTIVE)

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1.APPLICANTS FULL NAME :

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Shubham Nandkumar Mali

Apeksha Ambadas hingmire

Sayali Shivaji Tambavekar

Samiksha Suhas Shinde

Shabdali shivaji chougule

Onkar dhananjay mohite

Yogesh Yuvraj Patil

BHUSHAN UMESH CHAVAN

Shrivallabh Sarjerao Chavan

Namrata Buddhiwan Adlinge

Shinde Saroj Pandit

Amol Pramod Jadhav

Keval Madhukar Bhosale

Sahil Suraj dange

Nikhil Ananda Patil

Pratik Sanjay Kamble

Pruthviraj Laxman Savekar

ROHIT TANAJI GAIKWAD

Shivam Vinod Jadhav

Abhishek Waghmare

Rutuja jalindar gawade

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Shatrughan Madhavrao Birajdar

Soham sanjay katkar

Kaustubh Khot

SARTHAK SANGRAMSINH PATIL

Sanket Suryakant Shinde

Pratik sadashiv Lokare

Futane Supriya Subhash

Vivek Vishwas Nikam

Swapnil Dhondiram Patil

Abhishek Chandrashekhar jugale

Amit Uttam Jamdade .

Prashant Sarjerao Deshmukh

Shubham jyoti shinde

Ajinkya Bajirao Patil

Dadasaheb Navneet Dhangar

Shubham Babaso Chougale

Sumit Suresh patil

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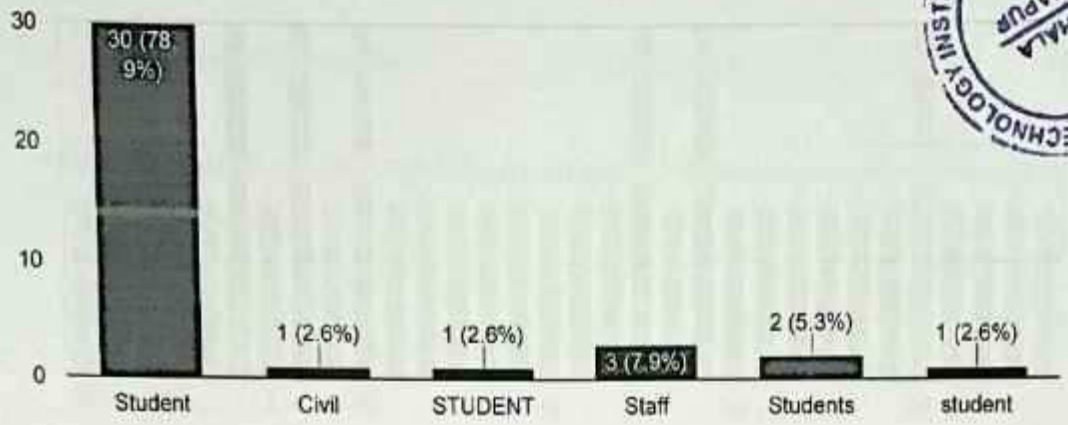

3. Name of College/Industry

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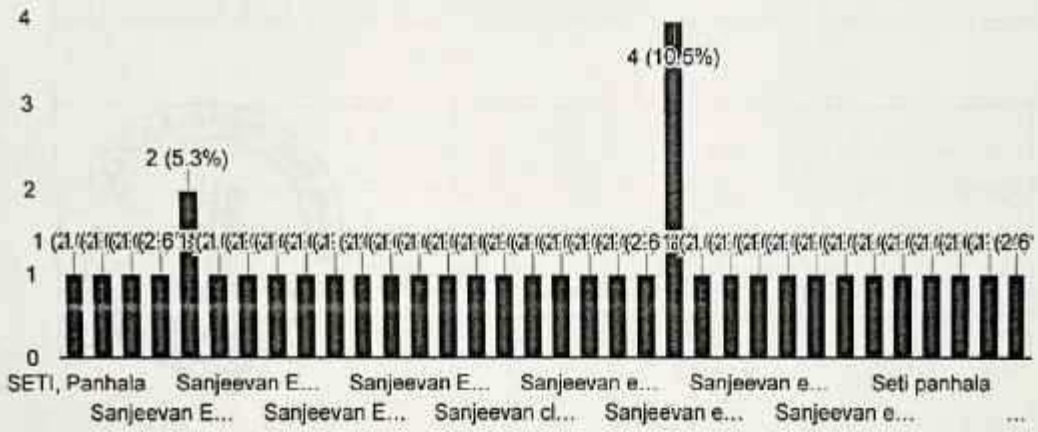

4. STUDENTS CLASS : SY/TY/B.Tech

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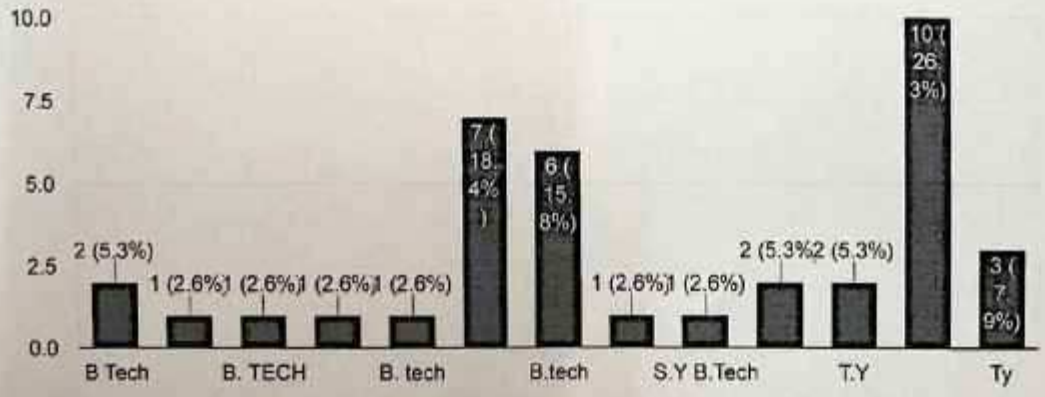

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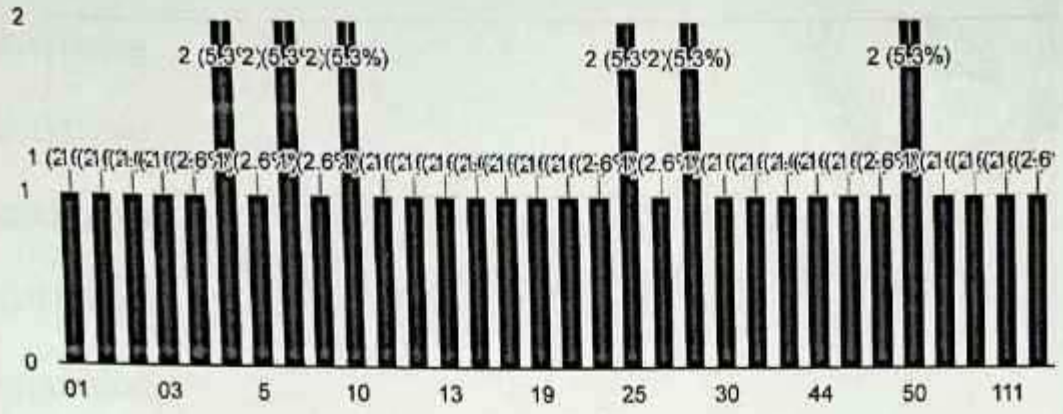

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Ambap

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A/p: Kaneri, Tal: Panhala, Dist: Kolhapur

Shankarwadi,chiplun

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AP.Koregaon. Tal - walwa Dist- Sangli 416302

At.post Kaneri paiki Dalavewadi

3067 1193 4870

Shivaji Chowk , kagal

Ramanmala ,near dream world water park

A/P Rethare khurd, Tal-karad, Dist-satara, 415108.

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Rajarampurii 2nd lane, near shahumil chowk ,Shri oil company chya backside, kolhapur

A/p thikpurli tal.radhanagari dist.kolhapur

Laxmi colony old ausa road Latur

At/Pt-Satave Tal.Panhala Dist.Kolhapur

At-Bhatanwadi post-Hasur Dumala Pin'416001 Taluka-karveer Dist-kolhapur

Nagala park kolhapur

A/pBahirewadi

A/p- Jakhale.tal- panhala.Dist-Kolhapur

Vikhroli(E),Mumbai-83

Telave

Thane

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Akurle, tal-shahuwadi Dist-kolhapur, pin code -416214

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savekarpruthviraj@gmail.com

rohitgaikwad1421@gmail.com

shivamjadhav857@gmail.com

abhishekwaghmare3303@gmail.com

gawaderutuja234@gmail.com

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shatrughan.birajdar45@gmail.com

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khotkaustubh143@gmail.com

sarthakp203@gmail.com

sankets8088@gmail.com

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supriyafutane88@gmail.com

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shubham.j.shinde18@gmail.com

ajinkyapatil9099@gmail.com

dadasahebdhangar19@gmail.com

schougale241@gmail.com

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10. Do you have your own laptop: Y/N_____

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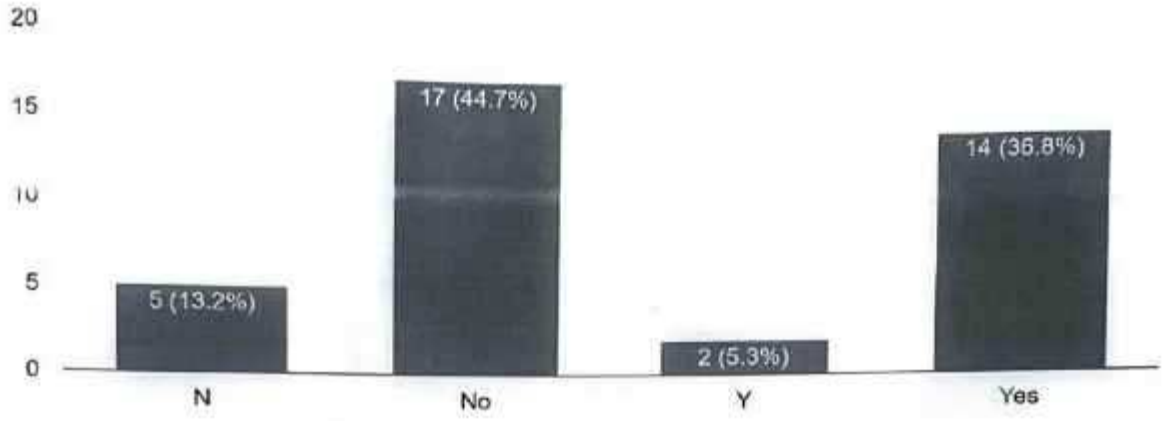
38 responses



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Co-ordinator	HOD Civil Engg	Vice-Pricipal	Principal

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Date: 24-03-2023

To,
Mr. Jabbar S. Mevekari,
HOD,
Civil Engineering Department,
Sanjeevan Engineering and Technology Institute,
Panhala.

Sub: Thank you note & Appreciation for your **Guest Lecture on "Repair and Maintenance of Concrete Structures"** on 23-03-2023.

Respected Sir,

It is a pleasure for us that you delivered webinar on **"Repair and Maintenance of Concrete Structures"** for our diploma students and faculties of Civil Group on 23rd March 2023.

Guest Lecture was very interesting and informative. We would like to thank you for conducting such an outstanding session. We would be delighted to have you again as guest speaker on another occasion.

We once again thank you for your valuable time and consideration.

Principal

Mr. G. A. Bhosale
Principal
Yashwantrao Bhonsale Polytechnic

YASHWANTRAO BHONSALE POLYTECHNIC Charathe Tal. Sawantwadi Dist. Sindhudurg 416510 (MS)

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Ref No.: - SETI/CIVIL/2023/0043

Date: 27/04/2023

To,
Mr. Bhate Rajesh
Director, Bhate & Raje Construction Co.Pvt.Ltd.,
Pune.

Subject: Invitation as resource person for Guest Lecture

Respected sir,
Seasons Greetings!

Sanjeevan Engineering and Technology Institute (SETI) Panhala is one of the premier institute affiliated to Dr. Babasaheb Ambedkar Technological University Raigad,Lonere and approved by AICTE, New Delhi.

The Department of Civil Engineering is organizing Awareness Program of Site Work in Civil Engineering- Industry Need dated 11 May 2023. We request you to be the resource person for this program. Your rich experience and expertise will definitely help us in building the institute.

Once again requesting you to accept our invitation and oblige.

With warm regards,

Thanking You

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Sanjeevan Engg. & Tech. Institute
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Prof. J. S. Mevekari
HOD
Civil Engineering
Sanjeevan Engineering & Technology Institute
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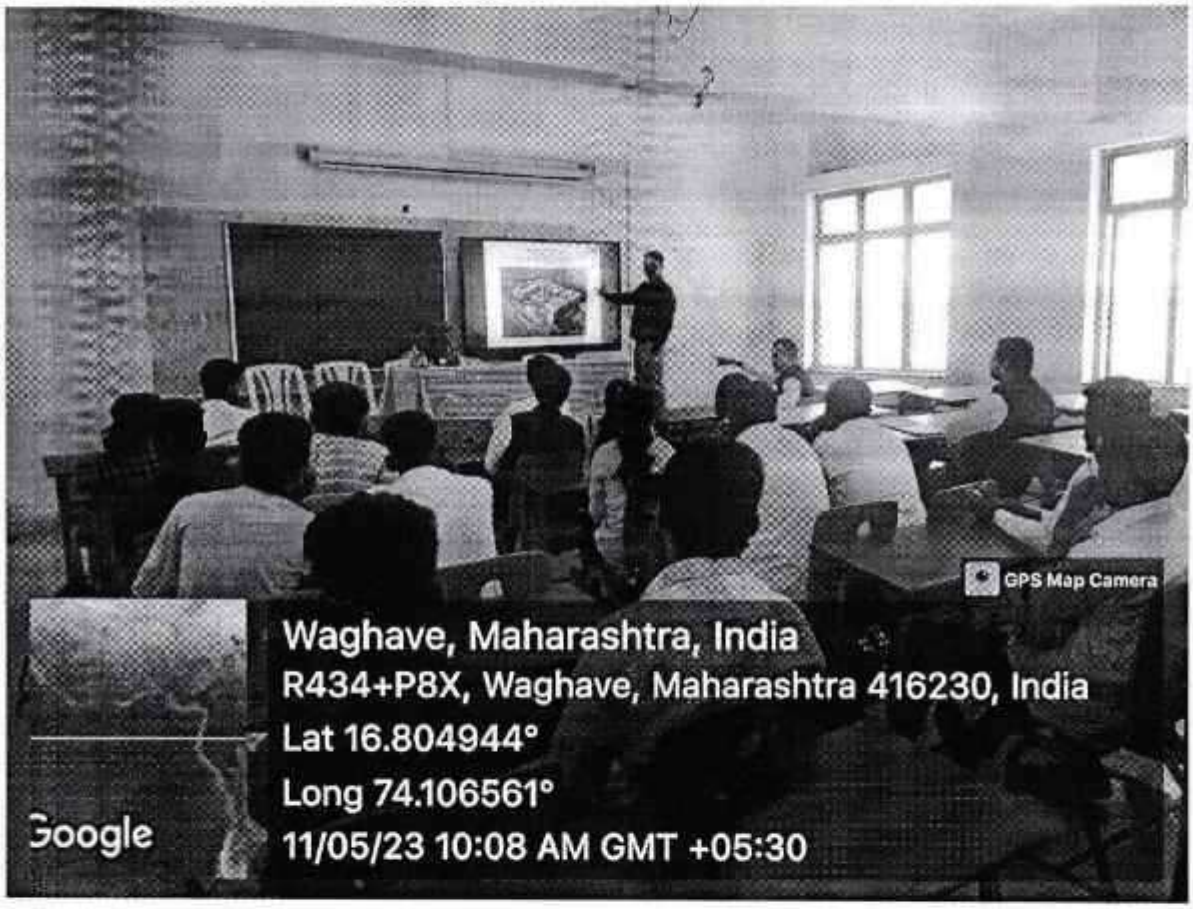
One page report

Name of Event: Guest lecture on "Modern Tool & Technics in Civil Engineering"

Time: 10.00 am to 12.00 noon

Venue: Civil department class room no A106



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Department of civil engineering had organized guest lecture on "Modern Tool & Technics in Civil Engineering" by Mr. Bhate Rajesh Director , Bhate & Raje Construction Co.Pvt.Ltd. Pune, on 11th May 2023 at civil departmental class room no A106. Mr. Bhate Rajesh gives brief ideas about current civil engineering role in site. He also introduce students newly launched instrument, new technology used in field of transportation. At start of program Mr. Amit Thoke, introduces the guest. Mr. J. S. Mevekari, HOD civil felicitate the chief guest' Prof. E. P. Salokhe, Prof. J. J.Gavade, Prof. S S Chavan, Prof. S M Shinde ,Prof' Mrs. A M Momin, Prof. A N Dhende .Lastly Mr. Amit Thoke gives vote of thanks.

Guest Lecture Organize

(Mr. Amit Thoke)

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Mr. J. S. Mevekari
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Depatment Of Civil Engineering

Expert Lecture

Name Of Company:-Bhate & Raje Construction Co.Pvt.Ltd,Pune

Attendance Sheet

Sr.No	Name Of Student	Class	Sign
1	Shabdali Shivaji chougule	TY	
2	Patil Suyog Tanaji	S.Y	
3	Marde Aniket Dilip.	SY.	
4	Patil Raunak Chandrashekhar	T.Y	
5	Sumeet Sunil khirugade	T.Y	
6	Madhav Sunil Jokbande	T.Y	
7	chougule sumit sunil	B.E	
8	Sourabh shirish Malgaonkar	B.E	
9	Shubham Jyoti Shinde	B.E	
10	Shivam vinod Jadhav	T.Y.	
11	Vivek Vishwas Nikam	T.Y	
12	Sumit suresh Patil	T.Y	
13	Abhishek chandrashekhar Jugale	T.Y	
14	Sandhya Apparao Gandhikar	S.Y	
15	Yogesh Yuvraj Patil	T.Y	
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Ref No.: - SETI/CIVIL/2023/0044

Date: 11/05/2023

To,
Mr. Bhate Rajesh
Director, Bhate & Raje Construction Co.Pvt.Ltd.,
Pune.

Dear Sir,

We would like to extend our warm thanks to you for delivering lecture on **"Modern Tool & Technics in Civil Engineering"** during Awareness Program of site work in Civil Engineering- Industry Need on 11th May 2023. We hope will have more opportunity to be associated with you.

With warm regards,

Thanking You

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Prof. J. S. Mevekari
HOD
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Sanjeevan Engineering & Technology Institute
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Sanjeevan Engineering & Technology Institute, Panhala

Department of Computer Science & Engineering

AY 2022-23

Summary of co-curricular activities participation

Sr. No.	Student Name	Venue	Event Name
1	Pankaj Dattaram Gavade	DYPCET, kolhapur	TECHNOCHEM (Poster presentation)
2	Sanika Shrikrushna Chavan	DYPCET, kolhapur	TECHNOCHEM (Poster presentation)
3	Pooja Kuber Tekale	KIT, kolhapur	Pioneer 2023 (Paper Presentation)
4	Sanika Shrikrushna Chavan	TKIT, Warananagar	Eureka & Jidnyasa2023 (Paper presentation)
5	Pankaj Gawade	TKIT, Warananagar	Eureka & Jidnyasa2023 (Paper presentation)

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Department of Computer Science & Engineering
Sanjeevan Engg. & Tech. Institute
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Principal

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Department of Civil Engineering

2.3.1 Participative learning

5. Summary of co-curricular participation year wise

Year	Sr. No.	Name of student	Event Name	Place	Date
2022-23	1	Jamadade Amit Uttam	MILESTONE 2K23 (Leveling Master)	TKIET. Warananagar	20/3/2023 & 21/3/2023
2022-23	2	Deshmukh Prashant Sarjerao	MILESTONE 2K23 (Leveling Master)	TKIET. Warananagar	20/3/2023 & 21/3/2023
2022-23	3	Patil Yogesh Yuvraj	MILESTONE 2K23 (Leveling Master)	TKIET. Warananagar	20/3/2023 & 21/3/2023
2022-23	4	Suyog Tanaji Patil	National level hands on training workshop	JSIIC Pune	10/04/2023 to13/04/2023
2022-23	5	Patil Yogesh Yuvraj	National level hands on training workshop	JSIIC Pune	10/04/2023 to13/04/2023
2022-23	6	Shabdali Shivaji Chougule	National level hands on training workshop	JSIIC Pune	10/04/2023 to13/04/2023
2022-23	7	Khirugade Sumeet Sunil	National level hands on training workshop	JSIIC Pune	10/04/2023 to13/04/2023
2022-23	8	Shivam Vinod Jadhav	National level hands on training workshop	JSIIC Pune	10/04/2023 to13/04/2023
2022-23	9	Patil Rounak Chandrashekhar	National level hands on training workshop	JSIIC Pune	10/04/2023 to13/04/2023
2022-23	10	Jugale Abhishekh Chandrashekhar	National level hands on training workshop	JSIIC Pune	10/04/2023 to13/04/2023

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6) Participation in co-curricular activities, like Parikramaa and at other institutes

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Mr./Ms./Mrs. Abhijit Vijay Ghatage

has participated / won First Prize / Second Prize / Third Prize / Runner Up in Event Project - Expo

Orgnized at Bharati Vidyapeeth's College of Engineering, Kolhapur Dated 25th May, 2022.

Sponsored By

Dr.R.P.Mirajkar
Event Co-ordinator

Dr. V.R.Ghorpade
Principal

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of Electrical

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Co-convener

Prof. R. S. Nejkar
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Convener

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PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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SANJEEV NATVAR JAIN
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BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC with 'A' Grade

TECHNO BHARATI 2022

Certificate

This is to Certify that

Mr./~~Ms.~~/~~Mrs.~~ Dinesh Jadhav

has participated / won ~~First~~ Prize / ~~Second~~ Prize / ~~Third~~ Prize / ~~Runner~~ Up in Event Project Expo

Orgnized at Bharati Vidyapeeth's College of Engineering, Kolhapur Dated 25th May, 2022.

Dr.R.P.Mirajkar
Event Co-ordinator

Sponsored By

Dr. V.R.Ghorpade
Principal

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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Academic Year 2020-21

Sanjeevan Engineering & Technology Institute, Panhala.

Affiliated to

Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE.

Department of Electrical Engineering

Certificate of Participation

This is certified that Siddharth Mahesh Remane of **Sanjeevan Engineering & Technology Institute, Panhala** has actively participated in **Project Competition 2020-2021**. Organized by Department of Electrical Engineering held between **07th-08th April 2021.**

HOD	Principle
Mr. Prasad Kulkarni	Dr. Mohan Vanarotti

Made for free with Certify'em

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

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Somwar Peth, Panhala - 416 201

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Savitribai Phule Shikshan Prasarak Mandal's

N B NAVALE SINHGAD COLLEGE OF ENGINEERING, KEGAON-SOLAPUR.

Online National Level Technical Symposium

DISTA-2K21

CERTIFICATE

This is to certify that Mr./Miss Snehal Sunil Patil of SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE,PANHALA,KOLHAPUR has participated in DISTA 2K21 in Electrical - Project Exhibition Competition held on 24th April 2021

(Vice Principal) (Principal)

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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ACCREDITED BY NAAC WITH B++ GRADE AND ISO 9001:2015 CERTIFIED INSTITUTE

Sant Gajanan Maharaj College of Engineering

Site Chinchewadi, Mahagaon, Tal: Gadhinglaj, Dist: Kolhapur.

NATIONAL LEVEL ONLINE TECHNICAL EVENT
NAVAPRAVARTYA 2K21

sgmcoe.in

Certificate of Participation

This is to certify that Mr./Miss/Mrs. Yogesh Yashwant Patil

of Sanjeevan Engineering & Technology Institute

has participated in Project Competition - Circuit *Event of*

"Navapravartya 2K21" held on 25th May 2021.

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Mr. S. R. Sankpal
Coordinator

Dr. A. J. Deokar
Coordinator

Dr. S. H. Sawant
Principal

7) Summary of student participation in extracurricular activities like NSS, sports, cultural year wise

Sr. No.	Academic Year	Name of Event	Number of students Participated
1	2022-23	Zonal Tournament Kabaddi (Women)	2
2	2022-23	Zonal Tournament Kabaddi (Men)	4
3	2022-23	Pioneer 2023 KIT College, Kolhapur	1
4	2022-23	Extra Curicular Activity (Parikramaa 2k22)	3
5	2022-23	Annual Sport Winner/Runnerup	2
6	2022-23	NSS Enrollment Forms	6
7	2021-22	College Annual Sports Kabaddi (Men)	13
8	2021-22	College Annual Sports Volleyball (Men)	11
9	2021-22	College Annual Sports Football (Men)	15
10	2021-22	College Annual Sports Basketball (Men)	8
11	2021-22	College Annual Sports Cricket (Men)	15
12	2021-22	College Annual Sports Volleyball (Women)	8
13	2018-19	NSS CAMP	12

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Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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ELIGIBILITY PROFORMA FOR INTER ZONAL GAMES

Zone - Kolhapur

Name of the Participating College - Sanjeevan Engineering & Technology Institute, Panhala. Phy. Director/Incharg- Dr. R.A Ingavale

Name of the Tournament -Kolhapur Zonal Tournament Kalnoddi Section -Women, Name of the Manager -

Name of The Host Institute - PVPIT, Sonpali, (Budhgaon)

Sr No	Name Of Sports Person	Father's Name	Date Of Birth	PRN No.	Date & Year of Passing qualifying Examination for first admission to a		Present Class	Name of the present course	Date & Year of first Admission to		Number of years of Previous participation While Pursuing		Adhar Card No.	Mob.No.
					Name of Exam	Date & Year			Univ.	present course	Graduate course	PG Course		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Mayuri Shinde	Shivaram	8/12/2003	2163151247002	HSC	2021	S.Y	B.Tech	2021-22	2022-23	CSE		3257-2168-3592	8767186606
2	Snehal Patil	Navnath	7/4/2003	2163151241039	HSC	2021	S.Y	B.Tech	2021-22	2022-23	CSE		7296-3262-3662	9022103857
3	Sarmadhe Sawande	Sudhir	9/15/2002	2063151242030	HSC	2020	T.Y	B.Tech	2020-21	2022-23	CSE		9231-4226-3367	7821964929
4	Vaishnavi Patil	Sanjay	4/4/2003	2163151242059	HSC	2021	S.Y	B.Tech	2021-22	2022-23	CSE		2854-6005-0454	7276772271
5	Vaishnavi Patil	Satish	3/1/2002	2163151293514	Diploma	2021	T.Y	B.Tech	2021-22	2022-23	Elc.		4445-0281-6591	7448200549
6	Shubhali Chougale	Shivaji	3/31/2002	2063111591006	HSC	2020	T.Y	B.Tech	2020-21	2022-23	Civil		2291-0303-6775	8421227836
7	Durgesha Patil	Ashok	5/12/2002	2163151612001	HSC	2021	S.Y	B.Tech	2021-22	2022-23	Mechanical		5568-0817-3836	7218002005
8	Manasi Kamalakar	Hartha	9/10/2001		Diploma	2022	S.Y	B.Tech	2022-23	2022-23	Elc.		8501-0066-7330	9922825718
9	Akankasha Chavan	Bharat	5/20/2003		HSC	2022	F.Y	B.Tech	2022-23	2022-23	CSE		6043-7513-2834	9322740782

Certified that above particulars are correct and true as per records of the University.

Certified that above players are not employed on full time basis.

Signature of the Principal/Director

IMPORTANT NOTE:
Section 7

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE PANHALA KOLHAPUR

Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur. (MS)

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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ELIGIBILITY PROFORMA FOR INTER ZONAL GAMES

Name of the Participating College - Sanjeevan Engineering & Technology Institute, Panhala. Zone - Kolhapur

Name of the Tournament - Kolhapur zonal Tournament Kabaddi Section -Men Name of the Manager - Phy. Director/Incharge Dr. R.A Ingavale

Name of The Host Institute - PVPIT,Sangli (Rodhgaon)

Sr No	Name Of Sports Person	Father's Name	Date Of Birth	PRN No.	Date & Year of Passing qualifying Examination for first admission to a College/University		Present Class	Name of the present course	Date & Year of first Admission to		Number of years of Previous participation while Pursuing		Adhar Card No.	Mob.No.
					Name of Exam	Date & Year			Univ.	present course	Graduate course	PG Course		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Sub/Sumer Vhankdi	Rama	23-12-2002	2103151241006	HSC	2021	S.Y.	B.Tech	2021	2022	CSE		[illegible]	[illegible]
2	Vishal Kumbhar	Jaidev	16-07-2003	2103151242024	HSC	2021	S.Y.	B.Tech	2021	2022	CSE		4759-6612-7321	[illegible]
3	Rohit Jadhav	Ashok	23-11-2003	2103151242017	HSC	2021	S.Y.	B.Tech	2021	2022	CSE		[illegible]	[illegible]
4	Dnyanesh Patil	Chandrakanth	15-11-2002	2103151203508	Diploma	2018	T.Y.	B.Tech	2021	2022	Electrical		[illegible]	[illegible]
5	Arjun Patil	Suresh	18-12-2002	2103151[illegible]	HSC	2021	S.Y.	B.Tech	2021	2022	CSE		[illegible]	[illegible]
6	Prathamesh Ghatage	Prakash	21-02-2004	2103151[illegible]	HSC	2021	S.Y.	B.Tech	2021	2022	Electrical		[illegible]	[illegible]
7	Vaibhav Kamble	Arjun	05-10-2001	2103151[illegible]	HSC	2021	S.Y.	B.Tech	2021	2022	Electrical		[illegible]	[illegible]
8	Swanand Chougule	Vishwas	16-09-2002	2103151[illegible]	HSC	2020	T.Y.	B.Tech	2020	2022	CSE		[illegible]	[illegible]
9	Dhanraj Chougule	Kashinath	5/12/2001	2103151[illegible]	Diploma	2018	B.E.	B.Tech	2020	2022	Electrical		[illegible]	[illegible]

Certified that above particulars are correct and true as per records of the University.

Certified that above sports are are employed on full time basis.

Date: 16.11.2022

Seal of the college: _____

Signature of the Principal/Director

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala, Dist. Kolhapur (MS)

Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE PANHALA KOLHAPUR

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Dr. Babasaheb Ambedkar Technological University, Lonere.

PLAYERS IDENTITY CARD

FOR ZONE, INTERZONE TOURNAMENT

Name of College: Sanjeevan Engineering & Technology Institute, Panhala.
Event/Game: Kabaddi (Men) Date: 16/11/2022 Place: PVPIT,Sangali Budhagaon.

Sr. No.	Player Name with Mother Name	Class	Date of Birth	Player Signature	Photo
1)	Mayuri Shantaram Sawant Anuradha	S.Y	12/08/2003		
2)	Snehal Nivruti Patil Sadhana	S.Y	04/07/2003		
3)	Samruddhi Sudhir Sasavade Suvarna	T.Y	15/09/2002		
4)	Vaishanavi Sanjay Patil Aanjali	S.Y.	04/04/2003		

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Sr. No.	Player Name with Mother Name	Class	Date of Birth	Player Signature	Photo
5)	Vaibhavi Satish Patil Geetanjali	T.Y	01/03/2002		
6)	Shabdali Shivaji Chougule Shobha	T.Y	31/03/2002		
7)	Amruta Ashok Patil Surekha	S.Y	12/05/2002		
8)	Mayuri Hariba Khopkar Akkatai	S.Y	10/09/2003		

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Somwar Peth, Panhala, Dist. Kolhapur. (MS)

SANJEEVAN ENGG. & TECHNOLOGY INSTITUTE PANHALA

Signature Not Verified
SANJEEV NATVAR JAIN
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DEPARTMENT OF ELECTRICAL ENGINEERING

ANNUAL SPORTS 2021-2022

KABADDI TEAM (MENS)

SR NO	NAMES	CLASS
1	Pradip Kadam	B.E
2	Vishwajeet Patil	B.E
3	Uday Patil	B.E
4	Shubham Narke	B.E
5	Najim Mullani	B.E
6	Pratik Patil	B.E
7	Sushant Patil	B.E
8	Suhash Munde	T.E
9	Pratik Chopde	T.E
10	Aditya Bhuyekar	T.E
11	Aditya Kamble	F.E
12	Digvijay Patil	S.E
13)	Yankesh Haval	S.E

ELECTRICAL

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(ELECTRICAL DEPARTMENT)

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DEPARTMENT OF ELECTRICAL ENGINEERING

ANNUAL SPORTS 2021-2022

VOLLEYBALL TEAM (MENS)

SR NO	NAMES	CLASS
1	Pradip Kadam	B.E
2	Shivraj Mali	B.E
3	Hemant Parab	B.E
4	Vishwajeet Patil	B.E
5	Abhijit Ghatage	B.E
6	Faizal Aga	T.E
7	Saurabh Mhetar	F.E
8	Sushant Bahadure	T.E
9	Sangram Bhosale	B.E
10	Shubham Narke	B.E
11	Pradeep Dange	B.E

P.L. Kadam

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(SPORTS COORDINATOR)

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ANNUAL SPORTS 2021-2022

CRICKET TEAM (MENS)

SR NO	NAMES	CLASS
1	Raj Powar	B.E
2	Shubham Mane	B.E
3	Kunal Gavali	B.E
4	Shubham Narke	B.E
5	Pradip Kadam	B.E
6	Aniket Shabasad	B.E
7	Sanchit Powar	B.E
8	Dipak Shinde	T.E
9	Faizal Aga	T.E
10	Tushar Salunkhe	T.E
11	Vishwajeet Patil	B.E
12	Sailesh Gaikwad	T.E
13	Sanket Palshetkar	S.E
14	Sangram parit	T.E
15	Neeraj Lohar	B.E

P. Kadam.

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ANNUAL SPORTS 2021-2022

VOLLEYBALL (WOMENS)

SR NO	NAMES	CLASS
1	Piyusha Desai	B.E
2	Bhakti Valake	B.E
3	Vaishnavi Bhalkar	B.E
4	Sneha Patil	B.E
5	Shweta Mole	T.E
6	Priti Sankpal	T.E
7	Rutuja Bobade	S.E
8	Swati Jadhav	T.E

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(ELECTRICAL DEPARTMENT)

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DEPARTMENT OF ELECTRICAL ENGINEERING

ANNUAL SPORTS 2021-2022

BASKETBALL TEAM (MENS)

SR NO	NAMES	CLASS
1	Niral Dand	B.E
2	Vishwajeet Patil	B.E
3	Hemant Parab	B.E
4	Shivraj Mali	B.E
5	Shubham Mane	B.E
6	Pradip Kadam	B.E
7	Najim Mullani	B.E
8	Shubham Narke	B.E

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Somwar Peth, Panhala - 416 201

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Date: SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

DEPARTMENT OF ELECTRICAL ENGINEERING

ANNUAL SPORTS 2021-2022

FOOTBALL TEAM (MENS)

SR NO	NAMES	CLASS
1	Rajvardhan Patil	T.E
2	Shivraj Mali	B.E
3	Nagesh Jaganwar	T.E
4	Shubham Narke	B.E
5	Pradip Kadam	B.E
6	Omkar Gavade	T.E
7	Pratik Chopde	T.E
8	Vishwajeet Patil	B.E
9	Najim Mullani	B.E
10	Kunal Gavali	B.E
11	Nikhil Dakare	S.E
12	Pruthviraj Jagtap	S.E
13	Pratik Patil	B.E
14	Pradeep Dange	B.E
15	Devraj Dani	B.E

4649 3159 5694
VID : 9161 3260 2444 7372

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(SPORTS COORDINATOR)

H.O.D
(ELECTRICAL DEPARTMENT)

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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

Signature Not Verified
Digitally Signed By SANJEEV NATVAR JAIN
Date: 2022.07.14 12:42:42 IST
Reason: SANJEEVAN ENGINEERING &

A National Level Technical Event

PIONEER 2023

23rd and 24th April Oraganized under ISTE Student Chapter

Certificate Of Appreciation

This is to certify that,

Mr./Ms. Mithari Abhijeet Pandurang

of Sanjeevan college, Panhala has Participated &

~~Secured~~ – place in **DIVE IN CURCUIT 2.O** during "PIONEER 2023"

Organized under Electrical Engineering

students Association (ELESA)

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

Mr. Prasad P. Kulkarni
ELESA Coordinator

Dr. Vilas S. Bugade
HOD, Electrical Engg

Dr. Mohan B. Vanarotti
Director, KITCOEK

Dr. V. V. Karjinni
Executive Director, KITCOEK

Our Sponsorer's:

M-TECH | Procom Enterprises | DISHA | SHREE GANESH – Electricals –

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

PARIKRAMAA 2K22

NATIONAL LEVEL TECHNICAL FEST

SANJEEVAN

ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

CERTIFICATE

This certificate is proudly presented to,

Mr./Ms. Mithari Abhijeet P.

of SETI, Panhala

has Participated/Volunteer/Winner/ Runner in the event Brain Teaser at

PARIKRAMAA 2K22 held on 6th May, 2022.

NATIONAL LEVEL TECHNICAL FEST

Prof. T. V. Deokar
Co-ordinator

Prof. R. S. Nejkar
Co-Convener

Dr. Mohan B. Vanarotti
Convener

Hotel rajwada | HR | THE WORLD OF AUTOMATION | WALSTAR | Gokul | VALSUN | SACROSANCT | SAT | FUSHPAK | Bishop Shingade | J | IPRO

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Signature Not Verified
SANJEEV NATVAR JAIN
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PARIKRAMA 2K22 NATIONAL LEVEL TECHNICAL FEST

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

CERTIFICATE

This certificate is proudly presented to,

Mr./Ms. Patil Vaibhavi S.

of SETI, Panhala

has Participated/Volunteer/Winner/ Runner in the event Brain Teaser at

PARIKRAMA 2K22 held on 6th May, 2022.

NATIONAL LEVEL TECHNICAL FEST

Prof. T. V. Deokar	Prof. R. S. Nejkar	Dr. Mohan B. Vanarotti
Co-ordinator	Co-Convener	Convener

Hotel rajwada | HR | THE WORLD OF AUTOMATION | WALSTAR | Gokul | VALSUN | SACROSANCT | SAT | PUSHPAK | IPRO

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

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Somwar Peth, Panhala - 416 201

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PARIKRAMA 2K22 NATIONAL LEVEL TECHNICAL FEST

SANJEEVAN
ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA

CERTIFICATE

This certificate is proudly presented to,

Mr./Ms. Patil Vaibhavi Satish

of SETI, Panhala

has Participated/Volunteer/Winner/ Runner in the event Brain Teaser at

PARIKRAMAA 2K22 held on 6th May, 2022.

NATIONAL LEVEL TECHNICAL FEST

Prof. T. V. Deokar
Co-ordinator

Prof. R. S. Nijkar
Co-Convener

Dr. Mohan B. Vanarotti
Convener

Hotel rajwada · HR · THE WORLD OF AUTOMATION · WALSTAR · Gokul · VALSUN · SACROSANCT · SAT · PRINTPAK · IPRO

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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

Holy-Wood Academy, Kolhapur's Institute Code : EN6315

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE PANHALA

Approved by AICTE, New Delhi . Recognized by DTE, Mumbai & Govt. of Maharashtra Affiliated to DBATU, Lonere.

Somwar Peth, Panhala, Tal. Panhala, Dist. Kolhapur - 416201.

ANNUAL SPORTS MEET

CERTIFICATE OF MERIT

This Certificate is Awarded to

Master/Miss. Vaibhavi Patil

of the Electrical

being the SETI, Panhala

Kabhadi (Runner-up) during 2022-2023

Sport In-charge

Principal

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

Holy-Wood Academy, Kolhapur's

Institute Code : EN6315

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE PANHALA

Approved by AICTE, New Delhi Recognized by DTE, Mumbai & Govt. of Maharashtra Affiliated to DBATU, Lonere.

Somwar Peth, Panhala, Tal. Panhala, Dist. Kolhapur - 416201.

ANNUAL SPORTS MEET

CERTIFICATE OF MERIT

This Certificate is Awarded to

Master/Miss. Abhijeet Nithare

of the Ele.

being the SETI, Panhala in

~~Winner~~ Runner up in (~~Carom~~) chess during 2022 - 2023

Sport In-charge

Principal

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

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N. S. S. ENROLLMENT FORM

FULL NAME: JADHAV (SURNAME) SARANG (FIRST NAME) MAHESH (MIDDLE NAME)

FATHERS NAME: MAHESH (SURNAME) UTTAMRAO (FIRST NAME) JADHAV (MIDDLE NAME)

DATE OF BIRTH: 2004 (YEAR) 05 (MONTH) 11 (DATE)

MOTHER NAME: JADHAV (SURNAME) JAYASHRI (FIRST NAME) MAHESH (MIDDLE NAME)

CLASS: TY Ele. (Year/B. Tech) Electrical (Branch) REGD NO. 20225448

CATEGORY. Schedule Caste (SC)/Schedule Tribe (ST)/Others open.

LOCAL ADDRESS: Chaudharwadi, Tal:- Phaltan Dist:- Satara.

PIN CODE: 415523 CONTACT No. 9022357071

Email ID: sarangjadhav529@gmail.com

BLOOD GROUP: A+ SEX: MALE/~~FEMALE~~

ADHAR CARD NO. 4866 8335 9433

HOBBIES: Traveling, play basketball

Undertaking: I shall abide by rules and regulations laid down by the National Service Scheme.

Student's Signature

Date: 29/08/2023 Name: Sarang M. Jadhav.

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FULL NAME: Parit (SURNAME) Ritesh (FIRST NAME) Chandrakant (MIDDLE NAME)

FATHERS NAME: Parit (SURNAME) Chandrakant (FIRST NAME) Aananda (MIDDLE NAME)

DATE OF BIRTH: 2002 (YEAR) December (MONTH) 09 (DATE)

MOTHER NAME: Parit (SURNAME) Manisha (FIRST NAME) Chandrakant (MIDDLE NAME)

CLASS: T.Y (~~Year Dip~~/B. Tech) Electrical (Branch) REGD NO. 20225467

CATEGORY: Schedule Caste (SC)/Schedule Tribe (ST)/Others ✓

LOCAL ADDRESS: At post - Raviwar Peth, Tal- Pahala Dist - kolhapur

PIN CODE: 416201 CONTACT No. 7558387881

Email ID: riteshparit09@gmail.com

BLOOD GROUP: SEX: MALE/~~FEMALE~~ ✓

ADHAR CARD NO. 3144 0327 5913

HOBBIES: Playing Volleyball

Undertaking: I shall abide by rules and regulations laid down by the National Service Scheme.

Student's Signature

Date: Name: Parit Ritesh Chandrakant.

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FULL NAME: Haladkar (SURNAME) Swapnil (FIRST NAME) Sardar (MIDDLE NAME)

FATHERS NAME: Haladkar (SURNAME) Sardar (FIRST NAME) Madhukar (MIDDLE NAME)

DATE OF BIRTH: 2004 (YEAR) August (MONTH) 08 (DATE)

MOTHER NAME: Haladkar (SURNAME) Sangita (FIRST NAME) Sardar (MIDDLE NAME)

CLASS: 2nd year B Tech (Year Dip/B. Tech) Ele. Engg. (Branch) REGD NO. 20225358

CATEGORY: Schedule Caste (SC)/Schedule Tribe (ST)/Others Open

LOCAL ADDRESS: Main road kasaba Beed, Tal. karvir, Dist. Kolhapur

PIN CODE: 416011 CONTACT No. 9312938343

Email ID: swapnilhaladkar4@gmail.com

BLOOD GROUP: B+ SEX: MALE/~~FEMALE~~

ADHAR CARD NO. 4833 8132 2296

HOBBIES: playing Volleyball

Undertaking: I shall abide by rules and regulations laid down by the National Service Scheme.

Swapnil
Student's Signature

Date 29/08/2023

Name: Haladkar Swapnil Sardar

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FULL NAME: Dinde (SURNAME) Rohan (FIRST NAME) Balaso (MIDDLE NAME)

FATHERS NAME: Dinde (SURNAME) Balaso (FIRST NAME) Shripati (MIDDLE NAME)

DATE OF BIRTH: 2004 (YEAR) 01 (MONTH) 26 (DATE)

MOTHER NAME: Dinde (SURNAME) Sarita (FIRST NAME) Balaso (MIDDLE NAME)

CLASS: B.Tech (Year Dip/B. Tech) Electrical (Branch) REGD NO. 20225351

CATEGORY: Schedule Caste (SC)/Schedule Tribe (ST)/Others

LOCAL ADDRESS: At.P - Ukoli, Tal- Shahuwadi, Dist - Kolhapur.

PIN CODE: 416215 CONTACT No. 9860443873

Email ID: rohandinde2@gmail.com

BLOOD GROUP: SEX: MALE/FEMALE

ADHAR CARD NO. 5673 4930 8314.

HOBBIES: Playing Cricket.

Undertaking. I shall abide by rules and regulations laid down by the National Service Scheme.

Student's Signature

Date: 23/08/2023 Name: Dinde Rohan Balaso.

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FULL NAME: Ghatage (SURNAME) Peadhumna (FIRST NAME) Prakash (MIDDLE NAME)

FATHERS NAME: Ghatage (SURNAME) Prakash (FIRST NAME) Maruti (MIDDLE NAME)

DATE OF BIRTH: 2006 (YEAR) 02 (MONTH) 21 (DATE)

MOTHER NAME: Ghatage (SURNAME) Pratibha (FIRST NAME) Prakash (MIDDLE NAME)

CLASS: TY (~~Year Dip~~/B. Tech) Electrical (Branch) REGD NO. 20216056

CATEGORY: Schedule Caste (SC)/Schedule Tribe (ST)/Others open

LOCAL ADDRESS: Kudhoor Tal- Chandgad Dist - Kolhapur

PIN CODE: 416509 CONTACT No. 7744839109

Email ID: peadhumghatage52@gmail.com

BLOOD GROUP: O+ SEX: MALE/~~FEMALE~~

ADHAR CARD NO. 612325770693

HOBBIES: Traveling

Undertaking: I shall abide by rules and regulations laid down by the National Service Scheme.

Ghatage

Student's Signature

Date: 29/08/2023 Name: Peadhumna P. Ghatage.

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FULL NAME: CHARAPALE (SURNAME) SATYAJEET (FIRST NAME) SHAMARAO (MIDDLE NAME)

FATHERS NAME: CHARAPALE (SURNAME) SHAMARAO (FIRST NAME) BAPUSO (MIDDLE NAME)

DATE OF BIRTH: 2002 (YEAR) 11 (MONTH) 29 (DATE)

MOTHER NAME: CHARAPALE (SURNAME) MANGAL (FIRST NAME) SHAMARAO (MIDDLE NAME)

CLASS: TY (Year Dip/B. Tech) Electrical (Branch) REGD NO. 20225438

CATEGORY: Schedule Caste (SC)/Schedule Tribe (ST)/Others

LOCAL ADDRESS: A/P Shirgaon Tal. Radhanagari Dist. Kolhapur

PIN CODE: 416218 CONTACT No. 9307723800

Email ID: Satyajeetcharapole@gmail.com

BLOOD GROUP: O+ SEX: ~~MALE/FEMALE~~

ADHAR CARD NO. 693209643274

HOBBIES: Travelling

Undertaking: I shall abide by rules and regulations laid down by the National Service Scheme.

Student's Signature

Date: 29-08-2023

Name: Satyajeet S. Charapale.

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NSS CAMP ATTENDANCE 2018-19

Sr. No.	NAME	DEPT.	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7
26	Namwade Prachi Vijay	Civil							
27	Khot Snehal Sanjay	Civil							
28	Patil Manasi Nivas	Civil							
29	Mahadar Manasi Pramod	Civil							
30	Jadhav Priyanka Vishnu	Civil							
31	Patil Pratik Ganpati	Mechanical							
32	Patil Snehal Vitthal	Mechanical							
33	Patil Rohit Vijay	Mech							
34	Patil Nitesh Namdev	Mech							
35	Nawak Bairoo Chandrakant	Mech							
36	Patil Tushar Jayant	Mech							
37	Nagraj Aman Nurnaldinal	Mech							
38	Khade Sandesh Vitthal	Mech							
39	Mane Gaurav Jaysing	Mech							
40	Patil Rohit Yashwant	Mech							
41	Chikkkar Rahul Sunil	Mech							
42	Moralkar Vaibhav Subhash	Mech							
43	Patil Omkar Adagonda	Mech							
44	Desai Manali Rajendra	Electrical							
45	More Rushikesh Murlidhar	Elec							
46	Karave Dattatraya Chandrakant	Elec.							
47	Patil Akash Raghunath	Elec							
48	Mandhe Omkar Jayant	Elec							
49	Dawari Vinayak Ramchandra	Elec							
50	Kamble Siddharth Ramesh	Elec							

Programme Officer
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Head of the Department
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Samwar Path, Panhala

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NSS CAMP ATTENDANCE 2018-19

Sr. No.	NAME	DEPT.	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7
51	Gaggole Omkar Rajiv Kumar Siddhanath Nirgun	Electrical							
52	Chabukswar Chaitali Sharad	Electrical							
53	Patil Rajendra Balaso	Electrical							
54	Yeramwar Kartik Mahesh	Electrical							
55	Madhav Amar Vitthal	Electrical							
56	Patil Vishal Vasantrao	Mechanical							
57	Mandale Amar Hindurao	Mech							
58	Patil Ganesh Subhash	Mech							
59	Shinde Nilesh Yogiraj	Civil							
60	Rashid Shivdas Satyappa	Civil							
61	Patil Manoj Mahadev	Civil							
62	Patil Avinash Gundda	Civil							
63	Patil Seema Madhukar	ENTC							
64	Awade Tanam Ramchandra	ENTC							
65	Arage Pallavi Lakshman	ENTC							
66	Mane Sujata Satyappa	ENTC							
67	Chavan Srushti Sanjay	ENTC							
68	Patil Shubham Maruti	Automobile							
69	Shelke Vaibhav Ashok	Auto							
70	Patil Rushikesh Nivas	Auto							
71	Lomate Shyam Rajendra	Auto							
72	Patil Neha Hindurao	CSE							
73	Kumbhar Shraddha Santaji	CSE							
74	Nadekar Prajyoti Ramdas	CSE							
75	Kamble Sunil Lakshman	CSE							
76	Jadhav Ravi Bhimrao	CSE							
77	Kumbhar Bhagwat Shivaji	CSE							

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National Service Scheme
Sanjeevan Engg. & Tech. Institute

Head of the Department
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8) NSS, sports, cultural reports with photos showing student participation

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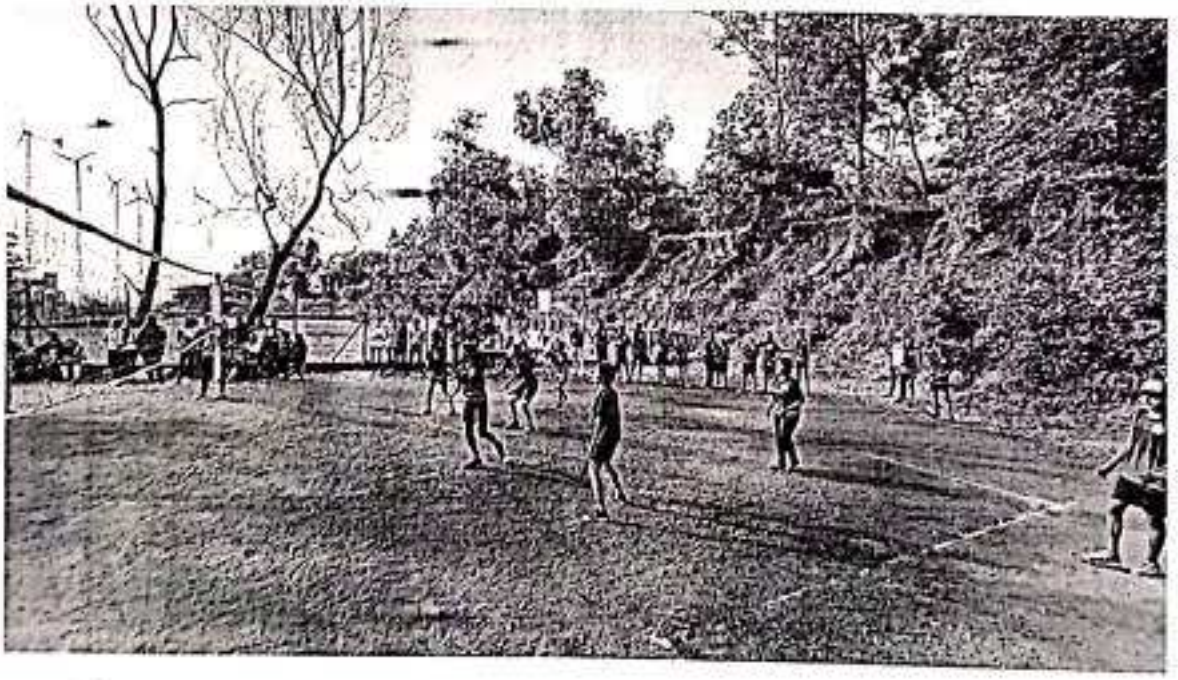

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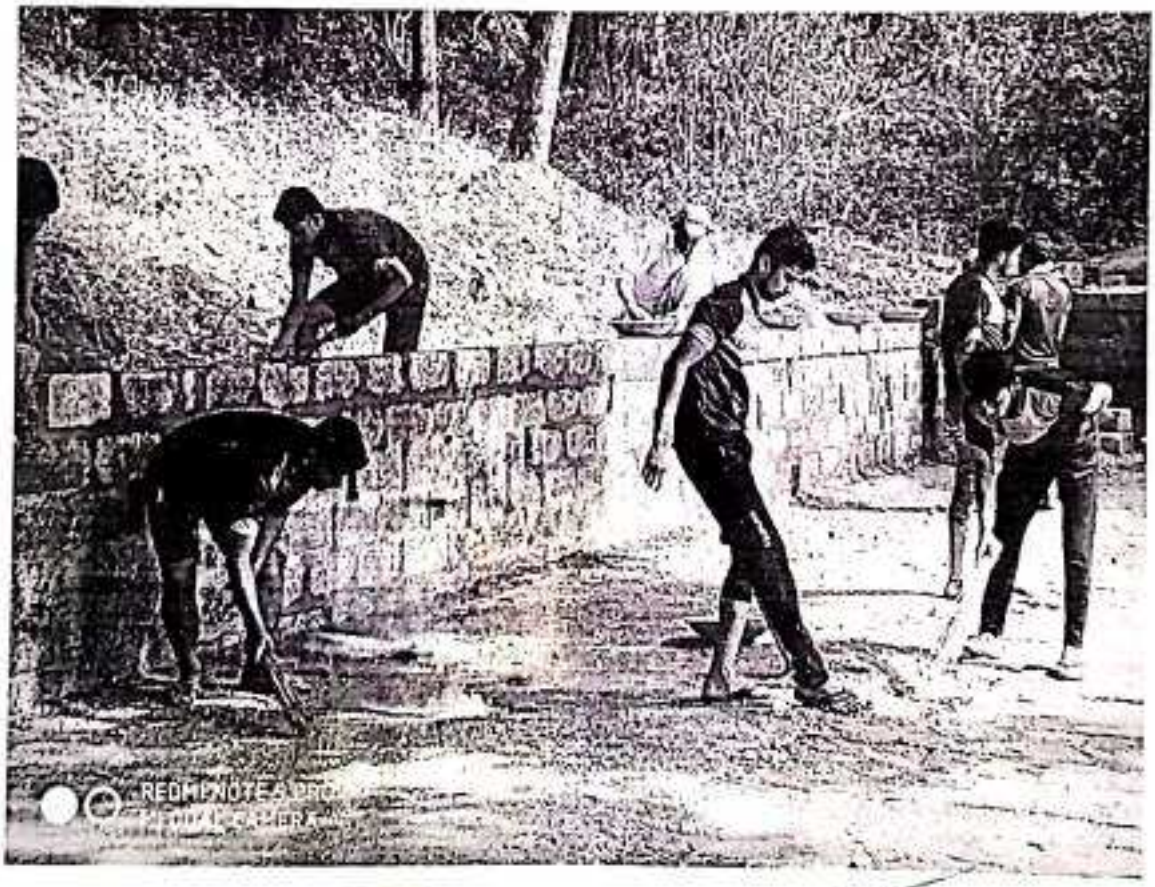

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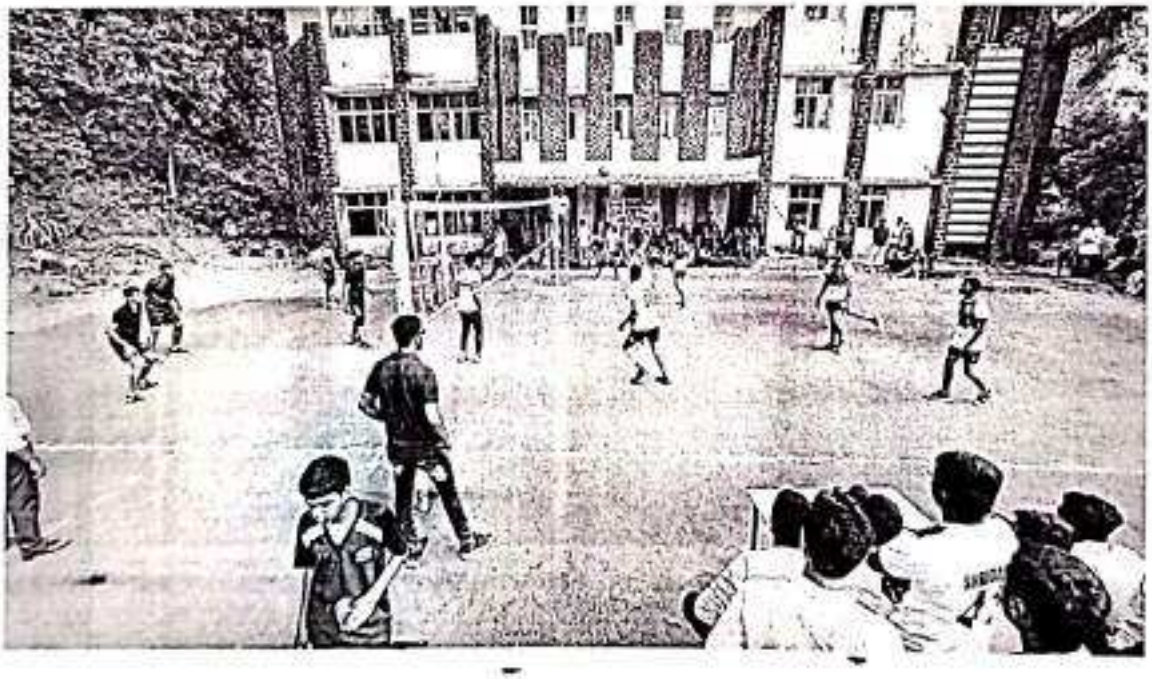

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9. Assignment Conduction proof

//Shree Ganeshay Nam!!!//

INDEX

NAME Sayali Babaso Mohite. SUBJECT NM [TUTORIAL]

STD. TY DIV. CSE ROLL NO. 02 SCHOOL SETI, Panhala

Sr. NO.	Date	TITLE	Marks	TEACHER'S SIGN / REMARKS
1.		Assignment NO.1 [Roots of an Equation].	10/10	
2.		Assignment NO.02 [Solution Of Linear Simultaneous Equation].	10/10	
3.		Assignment NO.03 [Finite Differences].		
4.		Assignment NO.04 [Differentiation & Integration].	10/10	
5.		Assignment NO.05 [Numerical Solution of ODE]	10/10	

Roots Of Equation

Assignment NO. 01

Camlin Page
Date 04/10/2022

* Bisection Method:-

* Trignometic function calci place on radiant mode.

1) Find the real root of equation $x^3 - x^2 - 1 = 0$ by bisection method, correct upto three decimal places.

→ $x^3 - x^2 - 1 = 0$

$f(1) = 1^3 - 1^2 - 1$

$= -1$

$f(2) = 2^3 - 2^2 - 1$

$= 3$

∴ Root lies between 1 & 2.

∴ $a = 1$ & $b = 2$

First Approximate Root:-

$x_1 = \frac{a+b}{2}$

$= \frac{1+2}{2}$

$= 1.5$

$f(1.5) = (1.5)^3 - (1.5)^2 - 1$

$= 0.125$

$f(x_1)$ is positive

∴ Root lies between ~~1.5 & 2~~ 1 & 1.5

∴ $a = 1$ & $b = 1.5$

Second Approximate Root:-

$x_2 = \frac{a+b}{2}$

$= \frac{1+1.5}{2}$

$= 1.25$

$f(1.25) = (1.25)^3 - (1.25)^2 - 1$

$= -0.6094$

$f(x_2)$ is negative.

$\therefore$ Root lies between 1.25 & 1.5

$\therefore a = 1.25$ & $b = 1.5$

Third Approximate Root:-

$$x_3 = \frac{a+b}{2}$$

$$= \frac{1.25 + 1.5}{2}$$

$$= 1.375$$

$$f(1.375) = (1.375)^3 - (1.375)^2 - 1$$

$$= -0.2910$$

$f(x_3)$ is negative

$\therefore$ Root lies between 1.375 & 1.5

$\therefore a = 1.375$ & $b = 1.5$

Fourth Approximate Root:-

$$x_4 = \frac{a+b}{2}$$

$$= \frac{1.375 + 1.5}{2}$$

$$= 1.4375$$

$$f(1.4375) = (1.4375)^3 - (1.4375)^2 - 1$$

$$= -0.0959$$

$f(x_4)$ is negative

$\therefore$ Root lies between 1.4375 & 1.5

$\therefore a = 1.4375$ & $b = 1.5$

Fifth Approximate Root:-

$$x_5 = \frac{a+b}{2}$$

$$= \frac{1.4375 + 1.5}{2}$$

$$= 1.4688$$

$f(1.4688) = (1.4688)^3 - (1.4688)^2 - 1$
$= 0.0114$

$f(x_5)$ is positive

$\therefore$ Root lies between 1.4375 & 1.4688

$\therefore a = 1.4375$ & $b = 1.4688$

Sixth Approximate Root :-

$x_6 = \frac{a+b}{2}$

$= \frac{1.4375 + 1.4688}{2}$

$= 1.4532$

$f(1.4532) = (1.4532)^3 - (1.4532)^2 - 1$
$= -0.0429$ $f(x_6)$ is negative

$\therefore$ Root lies between 1.4688 & 1.4532

$\therefore a = 1.4688$ & $b = 1.4532$

Seventh Approximate Root :-

$x_7 = \frac{a+b}{2}$

$= \frac{1.4688 + 1.4532}{2}$

$= 1.4610$

$f(1.4610) = (1.4610)^3 - (1.4610)^2 - 1$
$= -0.0160$

$f(x_7)$ is negative

$\therefore$ Root lies between 1.4610 & 1.4688

$\therefore a = 1.4610$ & $b = 1.4688$

Eighth Approximate Root :-

$x_8 = \frac{a+b}{2}$

$= \frac{1.4610 + 1.4688}{2}$

$= 1.4649$

$f(1.4649) = (1.4649)^3 - (1.4649)^2 - 1$
$= -0.0024$

$f(x_8)$ is negative.

$\therefore$ Root lies between 1.4649 & 1.4688

$\therefore a = 1.4649$ & 1.4688

Nineth Approximate Root:-

$x_9 = \frac{a+b}{2}$

$= \frac{1.4649 + 1.4688}{2}$

$= 1.4669$

~~f(x9) is n~~

$f(1.4669) = (1.4669)^3 - (1.4669)^2 - 1$
$= -0.0082$

$f(x_9)$ is negative.

$\therefore$ Root lies between 1.4669 & 1.4688

$\therefore a = 1.4669$ & $b = 1.4688$

Tenth Approximate Root:-

$x_{10} = \frac{a+b}{2}$

$= \frac{1.4669 + 1.4688}{2}$

$= \boxed{1.4679}$ $f(1.4679) = (1.4679)^3 - (1.4679)^2$

$f(x_{10})$ is ~~negative~~ positive. $= 0.0082$

$\therefore$ Root lies between 1.4669 & 1.4679.

Eleventh Approximate Root:-

$x_{11} = \frac{a+b}{2}$

$= \frac{1.4669 + 1.4679}{2}$

$= \boxed{1.4674}$

$f(x_{11}) = (1.4674)^3 - (1.4674)^2 - 1$
$= 0.0064$

After, Eleventh itteration, the root of the given ~~the given equation~~ is 1.467 upto three decimal places.

2) Find the real root of the equation $x^4 - x - 10 = 0$ by bisection method, correct upto three decimal places.

→ $x^4 - x - 10 = 0$

$f(1) = 1^4 - 1 - 10$
$= -10$

$f(2) = 2^4 - 2 - 10$
$= 4$

∴ Root lies between 1 & 2
$\therefore a = 1 \quad b = 2$

First Approximate Root:-

$x_1 = \frac{a+b}{2}$

$= \frac{1+2}{2}$

$= 1.5$

$f(1.5) = (1.5)^4 - 1.5 - 10$
$= -6.4375$

$f(x_1)$ is negative
∴ Root lies between 1.5 & 2
$\therefore a = 1.5$ & $b = 2$

Second Approximate Root:-

$x_2 = \frac{1.5+2}{2}$

$= 1.75$

$f(1.75) = (1.75)^4 - 1.75 - 10 = -2.3711$

$f(x_2)$ is negative.

$\therefore$ Root lies between 1.75 & 2

$\therefore a = 1.75$ & $b = 2$

Third Approximate Root:-

$$x_3 = \frac{1.75 + 2}{2}$$

$$= 1.875$$

$$f(1.875) = (1.875)^4 - 1.875 - 10$$

$$= 0.4846$$

$f(x_3)$ is positive.

$\therefore$ Root lies between 1.75 & 1.875

$\therefore a = 1.75$ & $b = 1.875$

Fourth Approximate Root:-

$$x_4 = \frac{1.75 + 1.875}{2}$$

$$= 1.8125$$

$$f(1.8125) = (1.8125)^4 - 1.8125 - 10$$

$$= -1.0202$$

$f(x_4)$ is negative

$\therefore$ Root lies between 1.8125 & 1.875

$\therefore a = 1.8125$ & $b = 1.875$

Fifth Approximate Root:-

$$x_5 = \frac{1.8125 + 1.875}{2}$$

$$= 1.8438$$

$$f(1.8438) = (1.8438)^4 - 1.8438 - 10$$

$$= -0.2865$$

$f(x_5)$ is negative

$\therefore$ Root lies between 1.8438 & 1.875

$\therefore a = 1.8438$ & $b = 1.875$

Sixth Approximate Root:-

$$x_6 = \frac{1.8438 + 1.875}{2}$$

$$= 1.8594$$

$$f(1.8594) = (1.8594)^4 - 1.8594 - 10$$

$$= 0.0940$$

$f(x_6)$ is positive

$\therefore$ Root lies between 1.8438 & 1.8594

$\therefore a = 1.8438$ & $b = 1.8594$

Seventh Approximate Root:-

$$x_7 = \frac{1.8438 + 1.8594}{2}$$

$$= 1.8516$$

$$f(1.8516) = (1.8516)^4 - 1.8516 - 10$$

$$= -0.0975$$

$f(x_7)$ is negative

$\therefore$ Root lies between 1.8516 & 1.8594

$\therefore a = 1.8516$ & $b = 1.8594$

Eighth Approximate Root:-

$$x_8 = \frac{1.8516 + 1.8594}{2}$$

$$= 1.8555$$

$$f(1.8555) = (1.8555)^4 - 1.8555 - 10$$

$$= -0.0021$$

$\therefore f(x_8)$ is negative

$\therefore$ Root lies between 1.8555 & 1.8594

Nineth Approximate Root:-

$$x_9 = \frac{1.8555 + 1.8594}{2}$$

$$= 1.8575$$

$f(1.8575) = 0.0471$

$f(x_9)$ is positive

$\therefore$ Root lies between 1.8555 & 1.8575

$\therefore a = 1.8555$ & $b = 1.8575$

Tenth Approximate Root :-

$$x_{10} = \frac{1.8555 + 1.8575}{2}$$

$$= 1.8565$$

$f(1.8565) = 0.0225$

$f(x_{10})$ is positive

$\therefore$ Root lies between 1.8555 & 1.8565

$\therefore a = 1.8555$ & $b = 1.8565$

Eleventh Approximate Root :-

$$x_{11} = \frac{1.8555 + 1.8565}{2}$$

$$= 1.8560$$

$f(1.8560) = 0.0102$

$f(x_{11})$ is positive

$\therefore$ Root lies between 1.8555 & 1.8560

$\therefore a = 1.8555$ & $b = 1.8560$

Twelveth Approximate Root :-

$$x_{12} = \frac{1.8555 + 1.8560}{2}$$

$$= 1.8558$$

$f(1.8558) = (1.8558)^4 - 1.8558 - 10$

$= 0.0053$

$f(x_{12})$ is positive

$\therefore$ Root lies between 1.8555 & 1.8558

$\therefore a = 1.8555$ & $b = 1.8558$

Thirteenth Approximate Root:

$$x_{13} = \frac{1.8555 + 1.8558}{2}$$

$$= 1.8557$$

$$f(1.8557) = (1.8557)^4 - 1.8557 - 10$$

$$= 0.0028$$

After thirteenth itteration, the root of the given equation is 1.855 upto three decimal places.

3) Find the root of the equation $e^{-x} - x = 0$ by bisection method, correct upto three decimal places.

→ $e^{-x} - x = 0$

$$f(0) = e^{-0} - 0$$

$$= 1$$

$$f(1) = e^{-1} - 1$$

$$= -0.6321$$

∴ Root lies between 0 & 1.

∴ $a = 0$ & $b = 1$

First Approximate Root:

$$x_1 = \frac{a+b}{2}$$

$$= \frac{0+1}{2}$$

$$= 0.5$$

$$f(0.5) = e^{-0.5} - 0.5$$

$$= 0.1065$$

$f(x_1)$ is positive

∴ Root lies between 0.5 & 1

∴ $a = 0.5$ & $b = 1$

Second Approximate Root :-

$$x_2 = \frac{0.5+1}{2}$$

$$= 0.75$$

$$f(0.75) = e^{-0.75} - 0.75$$

$$= -0.2776$$

$f(x_2)$ is negative

$\therefore$ Root lies between 0.5 & 0.75.

$\therefore a = 0.5$ & $b = 0.75$

Third Approximate Root :-

$$x_3 = \frac{0.5+0.75}{2}$$

$$= 0.625$$

$$f(0.625) = e^{-0.625} - 0.625$$

$$= -0.0897$$

$f(x_2)$ is negative

$\therefore$ Root lies between 0.5 & 0.625

$\therefore a = 0.5$ & $b = 0.625$

Fourth Approximate Root :-

$$x_4 = \frac{0.5+0.625}{2}$$

$$= 0.5625$$

$$f(0.5625) = e^{-0.5625} - 0.5625$$

$$= 0.0079$$

$f(x_3)$ is positive

$\therefore$ Root lies between 0.5625 & 0.625

$\therefore a = 0.5625$ & $b = 0.625$

Fifth Approximate Root :-

$$x_5 = \frac{0.5625+0.625}{2}$$

$$= 0.5938$$

$f(0.5938) = e^{-0.5938} - 0.5938$

$= -0.0416$

$f(x_5)$ is negative

$\therefore$ Root lies between 0.5625 & 0.5938

$\therefore a = 0.5625$ & $b = 0.5938$

Sixth Approximate Root:-

$$x_6 = \frac{0.5625 + 0.5938}{2}$$

$= 0.5782$

$f(0.5782) = e^{-0.5782} - 0.5782$

$= -0.0179$

$f(x_6)$ is negative

$\therefore$ Root lies between 0.5625 & 0.5782

$\therefore a = 0.5625$ & $b = 0.5782$

Seventh Approximate Root:-

$$x_7 = \frac{0.5625 + 0.5782}{2}$$

$= 0.5704$

$f(0.5704) = e^{-0.5704} - 0.5704$

$= -0.0051$

$f(x_7)$ is negative

$\therefore$ Root lies between 0.5625 & 0.5704

$\therefore a = 0.5625$ & $b = 0.5704$

Eighth Approximate Root:-

$$x_8 = \frac{0.5625 + 0.5704}{2}$$

$= 0.5665$

$f(0.5665) = e^{-0.5665} - 0.5665$

$= 0.0010$

$f(x_8)$ is positive

$\therefore$ Root lies between 0.5665 & 0.5704

$\therefore a = 0.5665$ & $b = 0.5704$

Nineth Approximate Root:-

$$x_9 = \frac{0.5665 + 0.5704}{2}$$

$$= 0.5685$$

$$f(0.5685) = e^{-0.5685} - 0.5685$$

$$= -0.0021$$

$f(x_9)$ is negative

$\therefore$ Root lies between 0.5665 & 0.5685

Tenth Approximate Root:-

$$x_{10} = \frac{0.5665 + 0.5685}{2}$$

$$= 0.5675$$

$$f(0.5675) = e^{-0.5675} - 0.5675$$

$$= -0.0006$$

$f(x_{10})$ is negative

$\therefore$ Root lies between 0.5665 & 0.5675

Eleventh Approximate Root:-

$$x_{11} = \frac{0.5665 + 0.5675}{2}$$

$$= 0.5670$$

$$f(0.5670) = e^{-0.5670} - 0.5670$$

$$= 0.0002$$

After Eleventh itteration, the root of the given equation is 0.567 upto three decimal places.

4) ~~Locate~~ Find the root of the eq^n $f(x) = x - \sin x - \frac{1}{2}$ correct upto three decimal places.

* Regula Falsi Method :-

1) Find the root of the equation $x^3+x-1=0$ by Regula Falsi Method upto three decimal places.

→ $x^3+x-1=0$

$f(x) = x^3+x-1$

$f(0) = 0^3+0-1$

$= -1$

$f(1) = 1^3+1-1$

$= 1$

$f(2) = 2^3+2-1$

$= 9$

∴ Root lies between 0 & 1.

① 1st Approximate Root :-

$x_0 = 0 \qquad x_1 = 1$

$f(x_0) = -1 \qquad f(x_1) = 1$

$$x_2 = x_0 - \frac{x_1 - x_0}{f(x_1) - f(x_0)} \times f(x_0)$$

$$= 0 - \frac{1-0}{1-(-1)} \times (-1)$$

$= 0.5$

$f(x_2) = 0.5^3 + 0.5 - 1$

$= -0.375$

$f(x_2)$ is negative

∴ Root lies between 0.5 & 1

② Second Approximate Root :-

$x_0 = 0.5 \qquad x_1 = 1$

$f(x_0) = -0.375 \quad f(x_1) = 1$

$$x_3 = x_0 - \frac{x_1 - x_0}{f(x_1) - f(x_0)} \times f(x_0)$$

$$= 0.5 - \frac{1-0.5}{1-(-0.375)} \times (-0.375)$$

$$= 0.6364$$

$$f(x_3) = (0.6364)^3 + 0.6364 - 1$$
$$= -0.1059$$

$f(x_3)$ is negative.

$\therefore$ Root lies between 0.6364 & 1

③ Third Approximate Root:-

$x_0 = 0.6364$ $\quad$ $x_1 = 1$

$f(x_0) = -0.1059$ $\quad$ $f(x_1) = 1$

$$x_4 = x_0 - \frac{x_1 - x_0}{f(x_1) - f(x_0)} \times f(x_0)$$

$$= 0.6364 - \frac{1-0.6364}{1-(-0.1059)} \times (-0.1059)$$

$$= 0.6712$$

$$f(x_4) = (0.6712)^3 + 0.6712 - 1$$
$$= -0.0264$$

$f(x_4)$ is negative

$\therefore$ Root lies between 0.6712 & 1

④ Fourth Approximate Root:-

$x_0 = 0.6712$ $\quad$ $x_1 = 1$

$f(x_0) = -0.0264$ $\quad$ $f(x_1) = 1$

$$x_5 = x_0 - \frac{x_1 - x_0}{f(x_1) - f(x_0)} \times f(x_0)$$

$$= 0.6712 - \frac{1-0.6712}{1-(-0.0264)} \times (-0.0264)$$

$$= 0.6797$$

$$f(x_5) = (0.6797)^3 + 0.6797 - 1$$
$$= -0.0063$$

$f(x_5)$ is negative.

$\therefore$ Root lies between 0.6797 & 1

⑤ Fifth Approximate Root:-

$x_0 = 0.6797 \qquad x_1 = 1$

$f(x_0) = -0.0063 \qquad f(x_1) = 1$

$$x_6 = x_0 - \frac{x_1 - x_0}{f(x_1) - f(x_0)} \times f(x_0)$$

$$= 0.6797 - \frac{1 - 0.6797}{1 - (-0.0063)} \times (-0.0063)$$

$$= 0.6817$$

$f(x_6) = (0.6817)^3 + 0.6817 - 1$

$= -0.0015$

$f(x_6)$ is negative

$\therefore$ Root lies between 0.6817 & 1

⑥ Sixth Approximate Root:-

$x_0 = 0.6817 \qquad x_1 = 1$

$f(x_0) = -0.0015 \qquad f(x_1) = 1$

$$x_7 = x_0 - \frac{x_1 - x_0}{f(x_1) - f(x_0)} \times f(x_0)$$

$$= 0.6817 - \frac{1 - 0.6817}{1 - (-0.0015)} \times (-0.0015)$$

$$\boxed{= 0.6822}$$

$f(x_7) = (0.6822)^3 + 0.6822 - 1$

$= -0.0009$

$f(x_7)$ is negative

$\therefore$ Root lies between 0.6822 & 1

⑦ Seventh Approximate Root:-

$x_0 = 0.6822 \qquad x_1 = 1$

$f(x_0) = -0.0009 \qquad f(x_1) = 1$

$$x_8 = x_0 - \frac{x_1 - x_0}{f(x_1) - f(x_0)} \times f(x_0)$$

$$= 0.6822 - \frac{1 - 0.6822}{1-(-0.0003)} \times (-0.0003)$$

$$\boxed{= 0.6823}$$

After seventh itteration, the root of given equation is 0.682 upto three decimal places.

2) Find the root of the equation $x^3 - 4x - 9 = 0$ by Regula Falsi method upto ~~three~~ four decimal places.

→ $f(x) = x^3 - 4x - 9$

$f(1) = 1^3 - 4 \times 1 - 9$
$= -12$

$f(2) = 2^3 - 4 \times 2 - 9$
$= -9$

$f(3) = 3^3 - 4 \times 3 - 9$
$= +6$

∴ Root lies between 2 & 3.

① First Approximate Root:-

$x_0 = 2$ $\quad$ $x_1 = 3$

$f(x_0) = -9$ $\quad$ $f(x_1) = 6$

$$x_2 = x_0 - \frac{x_1 - x_0}{f(x_1) - f(x_0)} \times f(x_0)$$

$$= 2 - \frac{3-2}{6-(-9)} \times (-9)$$

$= 2.6$

$f(x_2) = 2.6^3 - 4 \times 2.6 - 9$
$= -1.8240$

$f(x_2)$ is negative

∴ Root lies between 2.6 & 3

② Second Approximate Root:-

x_0

$x_0 = 2.6$ $\quad$ $x_1 = 3$

$f(x_0) = -1.8240$ $\quad$ $f(x_1) = 6$

$$x_3 = 2.6 - \frac{3 - 2.6}{6 - (-1.8240)} \times (-1.8240)$$

$x_3 = 2.6933$

$f(x_3) = 2.6933^3 - 4 \times 2.6933 - 9$

$= -0.2364$

$f(x_3)$ is negative

$\therefore$ Root lies between 2.6933 & 3

③ Third Approximate Root:-

$x_0 = 2.6933$ $\quad$ $x_1 = 3$

$f(x_0) = -0.2364$ $\quad$ $f(x_1) = 6$

$$x_4 = 2.6933 - \frac{3 - 2.6933}{6 - (-0.2364)} \times (-0.2364)$$

$= 2.7049$

$f(x_4) = 2.7049^3 - 4 \times 2.7049 - 9$

$= -0.0292$

$\therefore$ Root $f(x_4)$ is negative

$\therefore$ Root lies between 2.7049 & 3

④ Fourth Approximate Root:-

$x_0 = 2.7049$ $\quad$ $x_1 = 3$

$f(x_0) = -0.0292$ $\quad$ $f(x_1) = 6$

$$x_5 = 2.7049 - \frac{3 - 2.7049}{6 - (-0.0292)} \times (-0.0292)$$

$= 2.7063$

$f(x_5) = 2.7063^3 - 4 \times 2.7063 - 9$

$= -0.0041$

$f(x_5)$ is negative

$\therefore$ Root lies between 2.7063 & 3

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⑤ Fifth Approximate Root :-

$x_0 = 2.7063$ $\quad x_1 = 3$

$f(x_0) = -0.0041$ $\quad f(x_1) = 6$

$$x_6 = 2.7063 - \frac{3 - 2.7063}{6 - (-0.0041)} \times (-0.0041)$$

$$\boxed{= 2.7065}$$

$$f(x_6) = 2.7065^3 - 4 \times 2.7065 - 9$$
$$= -0.0005$$

$f(x_6)$ is negative

$\therefore$ Root lies between 2.7065 & 3.

⑥ Sixth Approximate Root :-

$x_0 = 2.7065$ $\quad x_1 = 3$

$f(x_0) = -0.0005$ $\quad f(x_1) = 6$

$$x_7 = 2.7065 - \frac{3 - 2.7065}{6 - (-0.0005)} \times (-0.0005)$$

$$\boxed{= 2.7065}$$

After sixth itteration, the root of the given equation is 2.7065 upto four decimal places.

3) Find the root of the equation $x^6 - x^4 - x^3 - 1 = 0$ $x \in [1, 2]$ by Regula Falsi method upto three decimal places

→ $f(x) = x^6 - x^4 - x^3 - 1$

$f(1) = 1^6 - 1^4 - 1^3 - 1$
$= -2$

$f(2) = 2^6 - 2^4 - 2^3 - 1$
$= 39$

$\therefore$ Root lies between 1 & 2

① First Approximate Root :-

$x_0 = 1$ $\quad x_1 = 2$

$f(x_0) = -2$ $\quad f(x_1) = 39$

$$x_2 = x_0 - \frac{x_1 - x_0}{f(x_1) - f(x_0)} \times f(x_0)$$

$$= 1 - \frac{2-1}{(-2)-99} \times (-99)$$

$$= 0.0488$$

$$f(x_2) = (0.0488)^6 - (0.0488)^4 - (0.0488)^3 - 1$$

$$= -1.0001 \qquad \therefore f(x_2) \text{ is neg.}$$

$\therefore$ Root lies between 0.0488 & 2

② Second Approximate Root:

$x_0 = 0.0488 \qquad x_1 = 2$

$f(x_0) = -1.001 \qquad f(x_1) = 99$

$$f(x) = xe^x - 2$$

$$f(0) = 0.e^0 - 2$$

$$= -2$$

$$f(1) = 1 \times e^1 - 2$$

$$= 0.7183$$

$$f(2) = 2 \times e^2 - 2$$

$$= 12.7781$$

$\therefore$ Root lies between 0 & 1.

① First Approximate Root:

$x_0 = 0 \qquad x_1 = 1$

$f(x_0) = -2 \qquad f(x_1) = 0.7183$

$$x_2 = x_0 - \frac{x_1 - x_0}{f(x_1) - f(x_0)} \times f(x_0)$$

$$= 0 - \frac{1-0}{0.7183 - (-2)} \times (-2)$$

$$= \cancel{-0.3679}\ 0.736$$

$$f(x_2) = (0.736)\, e^{(0.736)} - 2$$

$$= -0.464$$

$f(x_2)$ is negative

$\therefore$ Root lies between 0.736 & 1

② Second Approximate Root:-

$x_0 = 0.736$ $\quad x_1 = 1$

$f(x_0) = -0.464$ $\quad f(x_1) = 0.718$

$$x_3 = 0.736 - \frac{1 - 0.736}{0.718 - (-0.464)} \times (-0.464)$$

$= 0.840$

$f(x_3) = (0.840) \times e^{(0.840)} - 2$

$= -0.054$

$f(x_3)$ is negative

$\therefore$ Root lies between 0.840 & 1

③ Third Approximate Root:-

$x_0 = 0.840$ $\quad x_1 = 1$

$f(x_0) = -0.054$ $\quad f(x_1) = 0.718$

$$x_4 = 0.840 - \frac{1 - 0.840}{0.718 - (-0.054)} \times (-0.054)$$

$= 0.851$

$f(x_4) = (0.851) \times e^{(0.851)} - 2$

$= -0.007$

$f(x_4)$ is negative.

$\therefore$ Root lies between 0.851 & 1

④ Fourth Approximate Root:-

$x_0 = 0.851$ $\quad \cancel{f(x_0)} = x_1 = 1$

$f(x_0) = -0.007$ $\quad f(x_1) = 0.718$

$$x_5 = 0.851 - \frac{1 - 0.851}{0.718 - (-0.007)} \times (-0.007)$$

$= 0.852$

$f(x_5) = (0.852) \times e^{(0.852)} - 2$

$= -0.003$

$f(x_5)$ is negative.

$\therefore$ Root lies between 0.852 & 1.

⑤ Fifth Approximate Root:-

$x_0 = 0.852$ $\quad$ $x_1 = 1$

$f(x_0) = -0.003$ $\quad$ $f(x_1) = 0.718$

$$x_6 = 0.852 - \frac{1 - 0.852}{0.718 - (-0.003)} \times (-0.003)$$

$$= \boxed{0.853}$$

~~f(x6) is~~

$$f(x_6) = (0.853) \times e^{(0.853)} - 2$$

$$= 0.002$$

$f(x_6)$ is positive.

∴ Root lies between 0.852 & 0.853.

⑥ Sixth Approximate Root:-

$x_0 = 0.852$ $\quad$ $x_1 = 0.853$

$f(x_0) = -0.003$ $\quad$ $f(x_1) = 0.002$

$$x_7 = 0.852 - \frac{0.853 - 0.852}{0.002 - (-0.003)} \times (-0.003)$$

$$\boxed{x_7 = 0.853}$$

After sixth itteration, the root of the given equation is 0.853 upto three decimal places.

4) Apply false-position method to find the root of the eqn correct upto three decimal places:

$x - e^{-x} = 0$

→ $x - e^{-x} = 0$

$f(x) = x - e^{-x}$

$f(1) = 1 - e^{-1}$ ~~= 0.6~~

$= 0.6321$

$f(2) = 2 - e^{-2}$

$= 1.8647$

$f(3) = 3 - e^{-3}$

$\cancel{= 1.8647}$

$= 2.9502$

$f(0) = 0 - e^{-0}$

$= -1$

$\therefore$ Root lies betn 0 & 1

① 1st Approximate Root :-

$x_0 = 0$ $\qquad$ $x_1 = 1$

$f(x_0) = -1$ $\qquad$ $f(x_1) = 0.6321$

$$x_2 = x_0 - \frac{x_1 - x_0}{f(x_1) - f(x_0)} \times f(x_0)$$

$$= 0 - \frac{1 - 0}{0.6321 - (-1.0000)} \times (-1.0)$$

$= 0.6127$

$f(0.6127) = 0.6127 - e^{-0.6127}$

$= 0.0708$

~~f(x2)~~ is positive

$\therefore$ Root lies between 0 & 0.6127

② 2nd Approximate Root :-

$x_0 = 0$ $\qquad$ $x_1 = 0.6127$

$f(x_0) = -1$ $\qquad$ $f(x_1) = 0.0708$

$$x_3 = 0 - \frac{0.6127 - 0}{0.0708 - (-1)} \times (-1)$$

$= 0.5722$

$f(x_3) = 0.5722 - e^{-0.5722}$

$= 0.0079$

$f(x_3)$ is positive

$\therefore$ Root lies betn 0 & 0.5722

③ 3rd Approximate Root :-

$x_0 = 0$ $\qquad$ $x_1 = 0.57$

$$x_4 = 0 - \frac{0.5722 - 0}{0.0079 - (-1)} \times (-1)$$

$= 0.5677$

$f(x_4) = 0.5677 - e^{-0.5677}$

$= 0.0009$

$f(x_4)$ is positive

$\therefore$ Root lies betn 0 & 0.5677

④ Fourth Approximate Root :-

$x_0 = 0$ $\quad$ $x_1 = 0.5677$

$f(x_0) = -1$ $\quad$ $f(x_1) = 0.0009$

$$x_5 = 0 - \frac{0.5677 - 0}{0.0009 - (-1)} \times (-1)$$

$\boxed{= 0.5672}$

$f(x_5) = 0.5672 - e^{-0.5672}$

$= 0.0001$

$f(x_5)$ is positive

$\therefore$ Root lies betn 0 & 0.5672

⑤ Fifth Approximate Root :-

$x_0 = 0$ $\quad$ $x_1 = 0.5675$

$f(x_0) = -1$ $\quad$ $f(x_1) = 0.0001$

$$x_6 = 0 - \frac{0.5675 - 0}{0.0001 - (-1)} \times (-1)$$

$\boxed{= 0.5674}$

After fifth itteration, the root of the given eqn is 0.567 upto three decimal places.

* Newton-Raphson's Method:-

1) Find the root of eq^n $f(x) = x^3 - x - 1$ using NR method.

→ $f(x) = x^3 - x - 1$ $\qquad f'(x) = 3x^2 - 1$

$f(1) = 1^3 - 1 - 1$
$= -1$

$f(2) = 2^3 - 2 - 1$
$= 5$

① ~~1st A~~ First Approximate Root:-

Consider, $x_0 = 1$

$f'(x_0) = f'(1)$
$= 3(1)^2 - 1$
$= 2$

$x_1 = x_0 - \frac{f(x_0)}{f'(x_0)}$

$= 1 - \frac{(-1)}{2}$

$= 1.5$

$f(x_1) = 1.5^3 - 1.5 - 1$
$= 0.875$

$f'(x_1) = 3 \times (1.5)^2 - 1$
$= 5.75$

② second Approximate Root:-

$x_2 = x_1 - \frac{f(x_1)}{f'(x_1)}$

$= 1.5 - \frac{0.875}{5.75}$

$= 1.3478$

③ Third Approximate Root:-

$$x_3 = x_2 - \frac{f(x_2)}{f'(x_2)}$$

$f(x_2) = 1.3478^3 - 1.3478 - 1$

$= 0.1006$

$f'(x_2) = 3x^2 - 1$

$= 3(1.3478)^2 - 1$

$= 4.4497$

$\therefore x_3 = 1.3478 - \frac{0.1006}{4.4497}$

$= 1.3252$

④ Fourth Approximate Root :-

$f(x_3) = 1.3252^3 - 1.3252 - 1$

$= 0.0021$

$f'(x_3) = 4.2685$

$$x_4 = x_3 - \frac{f(x_3)}{f'(x_3)}$$

$= 1.3252 - \frac{0.0021}{4.2685}$

$= 1.3247$

⑤ Fifth Approximate Root :-

$f(x_4) = 1.3247^3 - 1.3247 - 1$

$= -0.0001$

$f'(x_4) = 3 \times (1.3247)^2 - 1$

$= 4.2645$

$$x_5 = x_4 - \frac{f(x_4)}{f'(x_4)}$$

$= 1.3247 - \frac{(-0.0001)}{4.2645}$

$= 1.3247$

After fifth itteration

2) Find the root of the eq^n by using NR method correct upto 4 decimal places.

(i) $x^2 = 12$

$\rightarrow f(x) = x^2 - 12$ $\qquad f'(x) = 2x$

$f(1) = 1^2 - 12$
$= -11$

$f(2) = 2^2 - 12$
$= -8$

$f(3) = 3^2 - 12$
$= -3$

$f(4) = 4^2 - 12$
$= 4$

(1) 1st Approximate Root:-

consider, $x_0 = 4$

$f(x) = \cancel{4}\ 4$

$f'(x) = 8$

$$x_1 = x_0 - \frac{f(x_0)}{f'(x_0)}$$

$$= 4 - \frac{4}{8}$$

$= 3.5$

(2) 2nd Approximate Root:-

$f(x_1) = (3.5)^2 - 12$
$= 0.25$

$f'(x_1) = (3.5) \times 2$
$= 7$

$$x_2 = x_1 - \frac{f(x_1)}{f'(x_1)}$$

$$= 3.5 - \frac{0.25}{7}$$

$= 3.4643$

③ Third Approximate Root:-

$f(x_2) = (3.4643)^3 - 12$

$= 0.0014$

$f'(x_2) = 2 \times 3.4643$

$= 6.9286$

$x_3 = x_2 - \frac{f(x_2)}{f'(x_2)}$

$= 3.4643 - \frac{0.0014}{6.9286}$

$x_3 = 3.4641$

④ Fourth Approximate Root:-

$f(x_3) = (3.4641)^2 - 12$

$= 0.0000$

$f'(x_3) = 2 \times 3.4641$

$= 6.9282$

$x_4 = x_3 - \frac{f(x_3)}{f'(x_3)}$

$= 3.4641 - \frac{0.0000}{6.9282}$

$x_4 = 3.4641$

After fourth itteration, the root of the givenen is 3.4641 upto 4 decimal places.

3) Find $\sqrt[3]{48}$ using Newton Raphson Method.

→ $x = \sqrt[3]{48}$

$\therefore x = 48^{1/3}$

$\therefore x^3 = 48$

$\therefore x^3 - 48 = 0$

i.e. $f(x) = x^3 - 48$ $\qquad f'(x) = 3x^2$

$f(1) = 1^3 - 48 = -47$

$f(2) = 2^3 - 48$

$= -40$

$f(3) = 3^3 - 48$

$= -21$

$f(4) = 4^3 - 48$

$= 16$

① First Approximate Root:-

Consider, $x_0 = 4$

$f'(x_0) = f'(4) = 3(4)^2$

$= 48$

$$x_1 = x_0 - \frac{f(x_0)}{f'(x_0)}$$

$$= 4 - \frac{16}{48}$$

$= 3.6667$

② Second Approximate Root:-

$f(x_1) = (3.6667)^3 - 48$

$= 1.2963$

$f'(x_1) = 3(3.6667)^2$

$= 40.3341$

$$x_2 = x_1 - \frac{f(x_1)}{f'(x_1)}$$

$$= 3.6667 - \frac{1.2963}{40.3341}$$

$= 3.6346$

③ Third Approximate Root:-

$f(x_2) = f(3.646) = 0.0142$

$f'(x_2) = f'(3.6346) = 39.6310$

$$x_3 = x_2 - \frac{f(x_2)}{f'(x_2)}$$

$$= 3.6946 - \frac{0.0142}{39.6310}$$

$$= 3.6942$$

(4) Fourth Approximate Root:-

$f(x_3) = -0.0016$

$f'(x_3) = 39.6222$

$$x_4 = x_3 - \frac{f(x_3)}{f'(x_3)}$$

$$x = 3.6942 - \frac{(-0.0016)}{39.6222}$$

$$= 3.6942$$

(5) 5th Approximate Root:-

$f(x_4) = f(3.6942) = -0.0016$

$f'(x_4) = f'(3.6942) = 39.6222$

$$x_5 = x_4 - \frac{f(x_4)}{f'(x_4)}$$

$$= 3.6942 - \frac{(-0.0016)}{39.6222}$$

$$= 3.6942$$

After fifth aitteration, the root of the given eq^n is 3.6942 upto four decimal places.

4) Find the root of eq^n $f(x) = 2x^3 - 2x - 5$ using NR method.

→ $f(x) = 2x^3 - 2x - 5$ $\qquad f'(x) = 6x^2 - 2$

$f(1) = 2(1)^3 - 2(1) - 5$

$= -5$

$f(2) = 2(2)^3 - 2(2) - 5$

$= 7$

① 1st Approximate Root:-

$$x_1 = x_0 - \frac{f(x_0)}{f'(x_0)}$$

Consider, $x_0 = 1$

$f'(x_0) = f'(1) = 6(1)^2 - 2$

$= 4$

$$x_1 = 1 - \frac{(-5)}{4}$$

$= 2.25$

② 2nd Approximate Root:-

$$x_2 = x_1 - \frac{f(x_1)}{f'(x_1)}$$

$f(x_1) = 2(2.25)^3 - 2(2.25) - 1$

$= 13.2813$

$f'(x_1) = 6(2.25) - 2$

$= 28.375$

$$x_2 = 2.25 - \frac{13.2813}{28.375}$$

$= 1.7819$

③ 3rd Approximate Root:-

$$x_3 = x_2 - \frac{f(x_2)}{f'(x_2)}$$

$f(x_2) = (1.7819)^3 - 2(1.7819) - 1$

$= 2.7519$

$f'(x_2) = \cancel{(1.7}\,6(1.7819)^2 - 2$

$= 17.0510$

$$x_3 = 1.7819 - \frac{2.7519}{17.0510}$$

$= 1.605$

④ 4th Approximate Root:-

$$x_4 = x_3 - \frac{f(x_3)}{f'(x_3)}$$

$$f(x_3) = 2(1.6205)^3 - 2(1.6205) - 1$$
$$= 0.2699$$

$$f'(x_3) = 6.(1.6205) - 2$$
$$= 13.7561$$

$$x_4 = 1.6205 - \frac{0.2699}{13.7561}$$
$$= 1.6009$$

⑤ 5th Approximate Root:-

$$x_5 = x_4 - \frac{f(x_4)}{f'(x_4)}$$

$$f(x_4) = 2(1.6009)^3 - 2(1.6009) - 1$$
$$= 0.0040$$

$$f'(x_4) = 6(1.6009) - 2$$
$$= 13.3773$$

$$x_5 = 1.6009 - \frac{0.0040}{13.3773}$$
$$= 1.6006$$

After 5th itteration, the root of the given eqn is 1.600 upto three decimal places.

UNIT II :- Solution of Linear Simultaneous Equations

Assignment NO.02

* Jacobi's Iteration Method :-

1) Solve by Jacobi's iteration method, the equations $10x + y - z = 11.19$, $x + 10y + z = 28.08$, $-x + y + 10z = 35.61$, correct to two decimal places.

→ We can write equation in the form:

$$x = \frac{1}{a_1}[d_1 - b_1 y - c_1 z]$$

$$y = \frac{1}{b_2}[d_2 - a_2 x - c_2 z]$$

$$z = \frac{1}{c_3}[d_3 - a_3 x - b_3 y]$$

By putting respective values:

$$x = \frac{1}{10}[11.19 - y + z]$$

$$y = \frac{1}{10}[28.08 - x - z]$$

$$z = \frac{1}{10}[35.61 + x - y]$$

$10x + y - z = 11.19$

$x = \frac{1}{10}[11.19 - y + z]$

Let's assume, $x_0 = y_0 = z_0 = 0$;

① First Approximation :-

$$x_1 = \frac{11.19}{10} = 1.119$$

$$y_1 = \frac{28.08}{10} = 2.808$$

$$z_1 = \frac{35.61}{10} = 3.561$$

② Second Approximation :-

$$x_2 = \frac{1}{a_1}[11.19 - y_1 + z_1]$$

$$x_2 = \frac{1}{10}[11.19 - 2.808 + 3.561] = 1.194$$

$$y_2 = \frac{1}{b_2}[28.08 - x_1 - z_1]$$

$$y_2 = \frac{1}{10}[28.08 - 1.119 - 3.561] = 2.340$$

$$z_2 = \frac{1}{c_3}[35.61 + x_1 - y_1]$$

$$z_2 = \frac{1}{10}[35.61 + 1.119 - 2.808] = 3.392$$

③ Third Approximation ~~Root~~ :-

$$x_3 = \frac{1}{a_1}[11.19 - y_2 + z_2]$$

$$x_3 = \frac{1}{10}[11.19 - 2.340 + 3.392] = 1.224$$

$$y_3 = \frac{1}{b_2}[28.08 - x_2 - z_2]$$

$$y_3 = \frac{1}{10}[28.08 - 1.194 - 3.392] = 2.349$$

$$z_3 = \frac{1}{c_3}[35.61 + x_2 - y_2]$$

$$z_3 = \frac{1}{10}[35.61 + 1.194 - 2.340] = 3.446$$

④ Fourth Approximation :-

$$x_4 = \frac{1}{a_1}[11.19 - y_3 + z_3]$$

$$x_4 = \frac{1}{10}[11.19 - 2.349 + 3.446] = 1.229$$

$$y_4 = \frac{1}{b_2}[28.08 - x_3 - z_3]$$

$$y_4 = \frac{1}{10}[28.08 - 1.224 - 3.446] = 2.341$$

$$z_4 = \frac{1}{c_3}[35.61 + x_3 - y_3]$$

$$z_4 = \frac{1}{10}[35.61 + 1.224 - 2.349] = 3.449$$

$\therefore$ After, fourth itteration; the value of $x = 1.22$, $y = 2.34$ & $z = 3.44$ upto two decimal places.

2) Solve by Jaccobi's itteration method, the equations $45x + 2y + 3z = 58$, $-3x + 22y + 2z = 47$, $5x + y + 20z = 67$, correct upto two decimal places.

→ We can write the equations in the form:

$$x = \frac{1}{a_1}[d_1 - b_1 y - c_1 z]$$

$$y = \frac{1}{b_2}[d_2 - a_2 x - c_2 z]$$

$$z = \frac{1}{c_3}[d_3 - a_3 x - b_3 y]$$

By putting the respective values:

$$x = \frac{1}{45}[58 - 2y - 3z]$$

$$y = \frac{1}{22}[47 + 3x - 2z]$$

$$z = \frac{1}{20}[67 - 5x - y]$$

Let us assume $x_0 = y_0 = z_0 = 0$;

① First Approximation:-

$x_1 = \frac{1}{5} \cdot \frac{58}{45} = 1.289$

$y_1 = \frac{2}{9} \cdot \frac{47}{22} = 2.136$

$z_1 = \frac{67}{20} = 3.350$

② Second Approximation:-

$x_2 = \frac{1}{a_1}[58 - 2y_1 - 3z_1]$

$x_2 = \frac{1}{45}[58 - 2(2.136) - 3(3.350)] = 0.971$

$y_2 = \frac{1}{b_2}[47 + 3x_1 - 2z_1]$

$y_2 = \frac{1}{22}[47 + 3(1.289) - 2(3.350)] = 2.008$

$z_2 = \frac{1}{c_3}[67 - 5x_1 - y_1]$

$z_2 = \frac{1}{20}[67 - 5(1.289) - 2.136] = 2.921$

③ Third Approximation:-

$x_3 = \frac{1}{a_1}[58 - 2y_2 - 3z_2]$

$x_3 = \frac{1}{45}[58 - 2(2.008) - 3(2.921)] = 1.005$

$y_3 = \frac{1}{b_2}[47 + 3x_2 - 2z_2]$

$y_3 = \frac{1}{22}[47 + 3(0.971) - 2(2.921)] = 2.003$

$z_3 = \frac{1}{c_3}[67 - 5x_2 - y_2]$

$z_3 = \frac{1}{20}[67 - 5(0.971) - 2.008] = 3.007$

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④ Fourth Approximation:-

$$x_4 = \frac{1}{a_1}[58 - 2y_3 - 3z_3]$$

$$x_4 = \frac{1}{45}[58 - 2(2.003) - 3(3.007)] = 0.999$$

$$y_4 = \frac{1}{b_2}[47 + 3x_3 - 2z_3]$$

$$y_4 = \frac{1}{22}[47 + 3(1.005) - 2(3.007)] = 2.000$$

$$z_4 = \frac{1}{c_3}[67 - 5x_3 - y_3]$$

$$z_4 = \frac{1}{20}[67 - 5(1.005) - 2.003] = 2.999$$

⑤ Fifth Approximation:-

$$x_5 = \frac{1}{a_1}[58 - 2y_4 - 3z_4]$$

$$x_5 = \frac{1}{45}[58 - 2(2.000) - 3(2.999)] = 1.000$$

$$y_5 = \frac{1}{b_1}[47 + 3x_4 - 2z_4]$$

$$y_5 = \frac{1}{22}[47 + 3(0.999) - 3(2.999)] = 2.000$$

$$z_5 = \frac{1}{c_3}[67 - 5x_4 - y_4]$$

$$z_5 = \frac{1}{20}[67 - 5(0.999) - 2.000] = 3.000$$

After, fifth itteration; the value of $x = 1.00$, $y = 2.00$ & $z = 3.00$ upto two decimal places.

3) Solve by Jacobi's itteration method, the equations $26x + 2y + 2z = 12.6$, $3x + 27y + z = 14.3$, $2x + 3y + 17z = 6.0$, correct upto two decimal places.

→ We can write the equations in the form:

$$x = \frac{1}{a_1}[d_1 - b_1 y - c_1 z]$$

$$y = \frac{1}{b_2}[d_2 - a_2 x - c_2 z]$$

$$z = \frac{1}{c_3}[d_3 - a_3 x - b_3 y]$$

By putting the respective values;

$$x = \frac{1}{26}[12.6 - 2y - 2z]$$

$$y = \frac{1}{27}[14.3 - 3x - z]$$

$$z = \frac{1}{17}[6.0 - 2x - 3y]$$

Let us assume, $x_0 = y_0 = z_0 = 0$.

① First Approximation:-

$$x_1 = \frac{12.6}{26} = 0.485$$

$$y_1 = \frac{14.3}{27} = 0.530$$

$$z_1 = \frac{6.0}{17} = 0.353$$

② Second Approximation:-

$$x_2 = \frac{1}{a_1}[12.6 - 2y_1 - 2z_1]$$

$$x_2 = \frac{1}{26}[12.6 - 2(0.530) - 2(0.353)] = 0.417$$

$$y_2 = \frac{1}{b_2}[14.3 - 3x_1 - z_1]$$

$$y_2 = \frac{1}{27}[14.3 - 3(0.485) - 0.353] = 0.463$$

$$Z_2 = \frac{1}{c_3}\left[6.0 - 2x_1 - 3y_1\right]$$

$$Z_2 = \frac{1}{17}\left[6.0 - 2(0.485) - 3(0.538)\right] = 0.202$$

③ Third Approximation:-

$$x_3 = \frac{1}{a_1}\left[12.6 - 2y_2 - 2z_2\right]$$

$$x_3 = \frac{1}{26}\left[12.6 - 2(0.463) - 2(0.202)\right] = 0.433$$

$$y_3 = \frac{1}{b_2}\left[14.3 - 3x_2 - z_2\right]$$

$$y_3 = \frac{1}{27}\left[14.3 - 3(0.417) - 0.202\right] = 0.476$$

$$z_3 = \frac{1}{c_3}\left[6.0 - 2x_2 - 3y_2\right]$$

$$z_3 = \frac{1}{17}\left[6.0 - 2(0.417) - 3(0.463)\right] = 0.222$$

④ Fourth Approximation:-

$$x_4 = \frac{1}{a_1}\left[12.6 - 2y_3 - 2z_3\right]$$

$$x_4 = \frac{1}{26}\left[12.6 - 2(0.476) - 2(0.222)\right] = 0.431$$

$$y_4 = \frac{1}{b_2}\left[14.3 - 3x_3 - z_3\right]$$

$$y_4 = \frac{1}{27}\left[14.3 - 3(0.433) - 0.222\right] = 0.473$$

$$z_4 = \frac{1}{c_3}\left[6.0 - 2x_3 - 3y_3\right]$$

$$z_4 = \frac{1}{17}\left[6.0 - 2(0.433) - 3(0.476)\right] = 0.228$$

After, fourth approximation; the value of $x = 0.43$, $y = 0.47$, $z = 0.22$ upto two decimal places.

* Gauss - Seidal Iteration Method:-

1) Apply Gauss - Seidal itteration method to solve the equations $10x + y + z = 12$, $2x + 10y + z = 13$, $2x + 2y + 10z = 14$.

→ We can write the equations in the form:

$$x = \frac{1}{a_1}\left[d_1 - b_1 y_1 - c_1 z\right]$$

$$y = \frac{1}{b_2}\left[d_2 - a_2 x - c_2 z\right]$$

$$z = \frac{1}{c_3}\left[d_3 - a_3 x - b_3 y\right]$$

By putting the respective values;

$$x = \frac{1}{10}\left[12 - y - z\right]$$

$$y = \frac{1}{10}\left[13 - 2x - z\right]$$

$$z = \frac{1}{10}\left[14 - 2x - 2y\right]$$

① First itteration:-

Assume, $y = y_0$, $z = z_0$;

$$x_1 = \frac{1}{10}\left[12 - y_0 - z_0\right]$$

$$x_1 = \frac{1}{10}\left[12 - 0 - 0\right] = 1.2$$

Assume, $x = x_1$ & $z = z_0$;

$$y_1 = \frac{1}{10}\left[13 - 2x_1 - z_0\right]$$

$$y_1 = \frac{1}{10}\left[13 - 2(1.2) - 0\right] = 1.06$$

Assume, $x = x_1$ & $y = y_1$;

$$z_1 = \frac{1}{10}[14 - 2x_1 - 2y_1]$$

$$z_1 = \frac{1}{10}[14 - 2(1.2) - 2(1.06)] = 0.948$$

② Second Itteration:-

putting, $y = y_1$ & $z = z_1$;

$$x_2 = \frac{1}{10}[12 - y_1 - z_1]$$

$$x_2 = \frac{1}{10}[12 - 1.06 - 0.948] = 0.999$$

putting, $x = x_2$ & $z = z_1$;

$$y_2 = \frac{1}{10}[13 - 2x_2 - z_1]$$

$$y_2 = \frac{1}{10}[13 - 2(0.999) - 0.948] = 1.005$$

putting, $x = x_2$ & $y = y_2$;

$$z_2 = \frac{1}{10}[14 - 2x_2 - 2y_2]$$

$$z_2 = \frac{1}{10}[14 - 2(0.999) - 2(1.005)] = 0.999$$

③ Third Itteration:-

putting, $y = y_2$ & $z = z_2$;

$$x_3 = \frac{1}{10}[12 - y_2 - z_2]$$

$$x_3 = \frac{1}{10}[12 - 1.005 - 0.999] = 1.000$$

putting, $x = x_3$ & $z = z_2$;

$$y_3 = \frac{1}{10}[13 - 2x_3 - z_2]$$

$$y_3 = \frac{1}{10}[13 - 2(1.000) - 0.999] = 1.000$$

putting, $x = x_3$ & $y = y_3$;

$$z_3 = \frac{1}{10}[14 - 2x_3 - 2y_3]$$

$$z_3 = \frac{1}{10}\left[14 - 2(1.000) - 2(1.000)\right] = 1.000$$

$\therefore$ After third itteration, the values of $x : y : z$

2) Apply Gauss-Seidal itteration method to solve equations: $10x + 2y + z = 9$, $2x + 20y - 2z = -44$, $-2x + 3y + 10z = 22$.

→ We can write equations in the form:

$$x = \frac{1}{a_1}\left[d_1 - b_1 y - c_1 z\right]$$

$$y = \frac{1}{b_2}\left[d_2 - a_2 x - c_2 z\right]$$

$$z = \frac{1}{c_3}\left[d_3 - a_3 x - b_3 y\right]$$

By putting respective values;

$$x = \frac{1}{10}\left[9 - 2y - z\right]$$

$$y = \frac{1}{20}\left[-44 - 2x + 2z\right]$$

$$z = \frac{1}{10}\left[22 + 2x - 3y\right]$$

① First itteration:-

putting $y = y_0$ & $z = z_0$;

$$x_1 = \frac{1}{10}\left[9 - 2(y_0) - z_0\right]$$

$$x_1 = \frac{1}{10}\left[9 - 2(0) - 0\right] = 0.900$$

putting $x = x_1$ & $z = z_0$;

$$y_1 = \frac{1}{20}\left[-44 - 2x_1 + 2z_0\right]$$

$$y_1 = \frac{1}{20}\left[-44 - 2(0.900) + 2(0)\right] = -2.290$$

putting $x = x_1$ & $y = y_1$;

$$z_1 = \frac{1}{10}\left[22 + 2x_1 - 3y_1\right]$$

$$z_1 = \frac{1}{10}\left[22 + 2(0.900) - 3(-2.290)\right] = 3.067$$

② Second Itteration:

putting, $y = y_1$ & $z = z_1$;

$$x_2 = \frac{1}{10}\left[9 - 2(-2.290) - 3.067\right) = 1.051$$

putting, $x = x_2$ & $z = z_1$;

$$y_2 = \frac{1}{20}\left[-44 - 2\underset{(1.051}{x_2} + \underset{(3.067)}{2z_1}\right] = -1.998$$

putting, $x = x_2$ & $y = y_2$;

$$z_2 = \frac{1}{10}\left[22 + 2(1.051) - 3(-1.998)\right] = 3.010$$

③ Third Itteration:

putting, $y = y_2$ & $z = z_2$;

$$x_3 = \frac{1}{10}\left[9 - (-1.998) - 3.010\right] = 0.999$$

putting, $x = x_3$ & $z = z_2$;

$$y_3 = \frac{1}{20}\left[-44 - 2(0.999) - 3.010\right] = -1.999$$

putting, $x = x_3$ & $y = y_3$;

$$z_3 = \frac{1}{10}\left[22 + 2(0.999) - 3(-1.999)\right] = 3.000$$

④ Fourth Itteration:

putting, $y = y_3$ & $z = z_3$;

$$x_4 = \frac{1}{10}\left[9 - (-1.999) - 3.000\right] = 1.000$$

putting, $x = x_4$ & $z = z_3$;

$$y_4 = \frac{1}{20}\left[-44 - 2(1) - 3\right] = -2.000$$

putting, $x = x_4$ & $y = y_4$;

$$z_4 = \frac{1}{10}\left[22 + 2(1) - 3(-2)\right] = 3.000$$

⑤ Fifth itteration:-

putting, $y = y_4$ & $z = z_4$;

$x_5 = \frac{1}{10}[9 - 2(-2) - 3] = 1.000$

putting, $x = x_5$ & $z = z_4$;

$y_5 = \frac{1}{20}[-44 - 2(1) + 2(3)] = -2.000$

putting, $x = x_5$ & $y = y_5$;

$z_5 = \frac{1}{10}[22 + 2(1) - 3(-2)] = 3.000$

∴ After, fifth itteration, the values of $x = 1.000$, $y = -2.000$ & $z = 3.000$.

3) Solve the equations $27x + 6y - z = 85$, $x + y + 54z = 110$, $6x + 15y + 2z = 72$ by Gauss-Seidal Method.

→ We can write equations in the form:

$x = \frac{1}{a_1}[d_1 - b_1 y - c_1 z]$

$y = \frac{1}{b_2}[d_2 - a_2 x - c_2 z]$

$z = \frac{1}{c_3}[d_3 - a_3 x - b_3 y]$

By putting respective values;

$x = \frac{1}{27}[85 - 6y + z]$

$y = \frac{1}{15}[72 - 6x - 2z]$

$z = \frac{1}{54}[110 - x - y]$

① First itteration:-

putting, $y = y_0$ & $z = z_0$;

$x_1 = \frac{1}{27}[85 - 6(0) + 0] = 3.14$

putting $x = x_1$ & $z = z_0$;

$y_1 = \frac{1}{15}[72 - 6(3.14) - 2(0)] = 3.541$

putting, $x = x_1$ & $y = y_1$;

$z_1 = \frac{1}{54}[110 - 3.14 - 3.541] = 1.913$

② Second Iteration :-

putting, $y = y_1$ & $z = z_1$;

$x_2 = \frac{1}{27}[85 - 6(3.541) + 1.913] = 2.432$

putting, $x = x_2$ & $z = z_1$;

$y_2 = \frac{1}{15}[72 - 6(2.432) - 2(1.913)] = 3.572$

putting, $x = x_2$ & $y = y_2$;

$z_2 = \frac{1}{54}[110 - \cancel{x_2 - y_2}\ 2.432 - 3.572] = 1.926$

③ Third Itteration :-

putting, $y = y_2$ & $z = z_2$;

$x_3 = \frac{1}{27}[85 - 6(3.572) + 1.926] = 2.426$

putting, $x = x_3$ & $z = z_2$;

$y_3 = \frac{1}{15}[72 - 6(2.426) + 2(1.926)] = 3.573$

putting, $x = x_3$ & $y = y_3$;

$z_3 = \frac{1}{54}[110 - 2.426 - 3.573] = 1.926$

④ Fourth Itteration :-

putting, $y = y_3$ & $z = z_3$;

$x_4 = \frac{1}{27}[85 - 6(3.573) + 1.926] = 2.426$

putting, $x = x_4$ & $z = z_3$;

$y_4 = \frac{1}{15}[72 - 6(2.426) + 2(1.926)] = 3.573$

putting, $x = x_4$ & $y = y_4$;

$$z_4 = \frac{1}{54}[110 - 2.426 - 3.573] = 1.926$$

$\therefore$ After, fourth iteration; the values of $x = 2.426$, $y = 3.573$, $z = 1.926$, upto three decimal places

* Gauss - Elimination Method:-

1) Apply Gauss - Elimination method to solve equation $x+y+z=2$, $x+2y+3z=5$; $2x+3y+6z=11$.

→ $x+y+z=2$ — ①

$x+2y+3z=5$ — ②

$2x+3y+6z=11$ — ③

Step (I) - Eliminate 'x' from eq^n ②,

eq^n ② - eq^n ①;

$$\begin{array}{rcrcrcr} x & + & 2y & + & 3z & = & 5 \\ x & + & y & + & z & = & 2 \\ - & & - & & - & & - \\ \hline & & y & + & 2z & = & 3 \end{array}$$ — ④

Step (II) - Eliminate 'x' from eq^n ③,

eq^n ③ - eq^n ① × 2;

$$\begin{array}{rcrcrcr} 2x & + & 3y & + & 6z & = & 11 \\ 2x & + & 2y & + & 2z & = & 4 \\ - & & - & & - & & - \\ \hline & & y & + & 4z & = & 7 \end{array}$$ — ⑤

Step (III) - Eliminate 'y' from ④ & ⑤

eq^n ④ - eq^n ⑤;

$$\begin{array}{rcrcr} y & + & 2z & = & 3 \\ y & + & 4z & = & 7 \\ - & & - & & - \\ \hline & & -2z & = & -4 \end{array}$$

$\therefore z = \frac{4}{2}$

$\therefore z = 2$

put, the value $z=2$ in eq^n ④;

$y + 2z = 3$

$y + 2(2) = 3$

$y + 4 = 3$

$\therefore y = 3 - 4$

$\therefore y = -1$

put, the value of y & z in eq^n ②;

$x + 2y + 3z = 5$

$x + 2(-1) + 3(2) = 5$

$x + (-2) + 6 = 5$

$x + 4 = 5$

$\therefore x = 5 - 4$

$\therefore x = 1$

$\therefore$ Hence, the values of $x=1$, $y=-1$ & $z=2$.

2) Apply Gauss-Elimination method to solve equations $2x + y + z = 10$, $3x + 2y + 3z = 18$, $x + 4y + 9z = 16$.

$2x + y + z = 10$ — ①

$3x + 2y + 3z = 18$ — ②

$x + 4y + 9z = 16$ — ③

Step ① - Eliminate 'x' from eq^n ②,

eq^n ② $\times 2$ - eq^n ① $\times 3$

$$\begin{array}{rrrr} -6x & +4y & +6z & = 36 \\ 6x & +3y & +3z & = 30 \\ - & - & - & - \\ \hline & y & +3z & = 6 \end{array}$$ — ④

Eliminate 'x' from eq^n ③;

eq^n ③ $\times 2$ - eq^n ①

$$-2x + 18y + 18z = 32$$
$$-\ 2x + y + z = 10$$

$$7y + 17z = 22 \quad \text{——} ⑤$$

Step (II) - Eliminate 'y' from eq^n ④ & ⑤

eq^n ④ $\times 7$ - eq^n ⑤

$$7y + 21z = 42$$
$$-\ 7y + 17z = 22$$

$$4z = 20$$

$$\therefore z = \frac{20}{4}$$

$$\therefore z = 5$$

put the value $z=5$ in eq^n ④,

$$y + 3z = 6$$
$$y + 3(5) = 6$$
$$y + 15 = 6$$
$$y = 6 - 15$$
$$\therefore y = -9$$

put the value of y & z in eq^n ②,

$$3x + 2y + 3z = 18$$
$$3x + 2(-9) + 3(5) = 18$$
$$3x + (-18) + 15 = 18$$
$$3x - 3 = 18$$
$$3x = 18 + 3$$
$$3x = 21$$
$$\therefore x = \frac{21}{3}$$
$$\therefore x = 7$$

$\therefore$ Hence, the values of $x=7, y=-9$ & $z=5$.

3) Apply Gauss Elimination method to solve equations; $x+y+z=9, 2x+5y+7z=52, 2x+y-z=0$

→ $x+y+z=9$ — ①
$2x+5y+7z=52$ — ②
$2x+y-z=0$ — ③

step ① - Eliminate 'x' from eq^n ②;

eq^n ② − 2 × eq^n ①

$$\begin{array}{r} 2x+5y+7z=52 \\ -\ 2x+2y+2z=18 \\ \hline 3y+5z=34 \end{array}$$ — ④

Eliminate 'x' from eq^n ③;

eq^n ③ − 2 × eq^n ①

$$\begin{array}{r} 2x+y-z=0 \\ -\ 2x+2y+2z=18 \\ \hline -y+z=18 \end{array}$$ — ⑤

step II - Eliminate 'y' from eq^n ④ & ⑤

~~$3y+5z$~~

eq^n ④ + 3 × eq^n ⑤

$$\begin{array}{r} 3y+5z=34 \\ +\ -3y+3z=54 \\ \hline 8z=88 \end{array}$$

$\therefore z=\frac{88}{8}$

$\therefore z=11$

put the value of z in eq^n ⑤,

$$-y + z = 18$$
$$-y + 11 = 18$$
$$-y = 18 - 11$$
$$-y = +7$$
$$\therefore y = -7$$

put the value of y & z in eq^n ②,

$$2x + 5y + 7z = 52$$
$$2x + 5(-7) + 7(11) = 52$$
$$2x + (-35) + 77 = 52$$
$$2x + 42 = 52$$
$$2x = 52 - 42$$
$$2x = 10$$
$$\therefore x = \frac{10}{2}$$
$$\therefore x = 5$$

* Gauss-Jordan Methood:-

1) Apply Gauss-Jordan methood to solve the equations
$x+y+z=9$, $2x+y-z=0$, $2x+5y+7z=52$

→ $x+y+z=9$ — ①
$2x+5y+7z=52$ — ②
$2x+y-z=0$ — ③

Step Ⅰ :- Eliminate 'x' from ② & ③,

eq^n ② - eq^n ① × 2

$$2x + 5y + 7z = 52$$
$$\underline{2x + 2y + 2z = 18}$$
$$3y + 5z = 34 \quad \text{— ④}$$

eq^n ③ − eq^n ① × 2

$$\begin{aligned} -\ 2x + y - z &= 0 \\ 2x + 2y + 2z &= 18 \\ \hline -y + z &= 18 \quad \text{—— ⑤} \end{aligned}$$

(II) - Eliminate 'y' from ④ & ⑤,

eq^n ① + eq^n ⑤

$$\begin{aligned} +\ x + y + z &= 9 \\ -y + z &= 18 \\ \hline x \quad + 2z &= 27 \quad \text{—— ⑥} \end{aligned}$$

eq^n ④ + eq^n ⑤ × 3

$$\begin{aligned} +\ 3y + 5z &= 34 \\ -3y + 3z &= 54 \\ \hline 8z &= 88 \quad \text{—— ⑦} \end{aligned}$$

$\therefore z = \frac{88}{8}$

$\therefore z = 11$

Step (III) - Eliminate 'z' from ⑥ & ⑦,

eq^n ⑥ × 8 − eq^n ⑦ × 2

$$\begin{aligned} -\ 8x + 16z &= 216 \\ 16z &= 176 \\ \hline 8x \quad &= 40 \end{aligned}$$

$\therefore x = \frac{40}{8}$

$\therefore x = 5$

eq^n ⑤ $\times 8 - eq^n$ ⑦

$$-8y + 8z = 144$$
$$\underline{-\ 8z = -88}$$
$$-8y = 56$$
$$\therefore -y = \frac{56}{8}$$
$$\therefore -y = 7$$
$$\therefore y = -7$$

$\therefore$ Hence, the values of $x = 5$, $y = -7$ & $z = 11$.

2) Apply Gauss-Jordan method to solve the equation
$x + y + z = 2$, $x + 2y + 3z = 5$, $2x + 3y + 6z = 11$

$x + y + z = 2$ —— ①
$x + 2y + 3z = 5$ —— ②
$2x + 3y + 6z = 11$ —— ③

Step Ⅰ - Eliminate 'x' from eq^n ② & ③ ;

eq^n ② $- eq^n$ ①

$$x + 2y + 3z = 5$$
$$\underline{-\ x - y - z = -2}$$
$$y + 2z = 3 \quad \text{—— ④}$$

eq^n ③ $- eq^n$ ① $\times 2$

$$2x + 3y + 6z = 11$$
$$\underline{-\ 2x - 2y - 2z = -4}$$
$$y + 4z = 7 \quad \text{—— ⑤}$$

Step Ⅱ - Eliminate 'y' from eq^n ④ & ⑤ ;

eq^n ① - eq^n ④

$$\begin{aligned} x + y + z &= 2 \\ y + 2z &= 3 \\ - \quad - \quad - \quad & \\ \hline x \quad -z &= -1 \quad \text{——} \quad ⑥ \end{aligned}$$

eq^n ④ - eq^n ⑤

$$\begin{aligned} y + 2z &= 3 \\ y + 4z &= 7 \\ - \quad - \quad - \quad & \\ \hline -2z &= -4 \quad \text{——} \quad ⑦ \end{aligned}$$

$$\therefore z = \frac{4}{2}$$

$$\therefore z = 2$$

Step (III) - Eliminate 'z' from ⑥ & ⑦;

eq^n ⑥ × 2 - ⑦

$$\begin{aligned} 2x - 2z &= -2 \\ -2z &= -4 \\ + \quad + \quad & \\ \hline 2x \quad &= 2 \end{aligned}$$

$$\therefore x = \frac{2}{2}$$

$$\therefore x = 1$$

eq^n ⑤ × 2 + eq^n ⑦ × 4

$$\begin{aligned} 2y + 8z &= 14 \\ -8z &= -16 \\ \hline 2y \quad &= -2 \end{aligned}$$

$$\therefore y = \frac{-2}{2}$$

$$\therefore y = -1$$

$\therefore$ Hence, the values of $x=1$, $y=-1$ & $z=2$.

3) Apply Gauss-Jordan method to solve the equation $2x+y+z=10$, $3x+2y+3z=18$, $x+4y+9z=16$

$\rightarrow$ $2x+y+z=10$ —— ①

$3x+2y+3z=18$ —— ②

$x+4y+9z=16$ —— ③

step Ⅰ - Eliminate 'x' from equations ② & ③;

eq^n ② $\times 2$ - eq^n ① $\times 3$

$$\begin{aligned} -\ 6x+4y+6z &= 36 \\ \underline{6x+3y+3z} &= \underline{30} \\ -\quad\ -\quad\ -\quad\ - \end{aligned}$$

$y+3z=6$ —— ④

eq^n ③ $\times 2$ - eq^n ①

$$\begin{aligned} -\ 2x+8y+18z &= 32 \\ \underline{2x+y+z} &= \underline{10} \\ -\quad\ -\quad\ -\quad\ - \end{aligned}$$

$7y-17z=22$ —— ⑤

step Ⅱ - Eliminate 'y' from equations ④ & ⑤;

eq^n ① - eq^n ④

$$\begin{aligned} -\ 2x+y+z &= 10 \\ \underline{y+3z} &= \underline{6} \\ -\quad\ - \end{aligned}$$

$2x \quad -2z=4$ —— ⑥

④ $\times 7$

eq^n ~~⑦~~ $\times$ ④ - eq^n ⑤

$$\begin{aligned} -\ 7y+21z &= 42 \\ \underline{7y-17z} &= \underline{22} \\ -\quad\ + \end{aligned}$$

$4z=20$ —— ⑦

$\therefore z = \frac{20}{4}$

$\therefore z = 5$

Step (III) - Eliminate 'z' from eq^n (6) & (7);

eq^n (6) $\times 4$ + eq^n (7) $\times 2$

$$\begin{array}{rl} + & 8x - 8z = 16 \\ & 8z = +40 \\ \hline & 8x = 56 \end{array}$$

$\therefore x = \frac{56}{8}$

$\therefore x = 7$

eq^n (5) $\times 4$ - (7) $\times -17$

$$\begin{array}{rl} - & 28y - 68z = 88 \\ & -68z = 340 \\ & + \quad - \\ \hline & 28y = -252 \end{array}$$

$\therefore y = \frac{-252}{28}$

$\therefore y = -9$

$\therefore$ Hence, the values of $x = 7$, $y = -9$ & $z = 5$.

$\frac{10}{10}$

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Department of Basic Sciences &Humanities

SUMMARY OF THE EVENTS

10.Entrepreneurship development activity report with photo, summary year wise

Sr.No.	Name of the event	Date of event	No. of student participated
1	Entrepreneurship programme Gust Lecture on Career Guidance	26-Dec-2022	160

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Report – Career Guidance on Entrepreneurship Workshop

A Report

On

One Day Workshop on "Career Guidance on Entrepreneurship"

1. **Title of Workshop :** Career Guidance on Entrepreneurship
2. **Date of Workshop:** 26th December 2022 (From 9:30 am to 4:15 pm)
3. **Kind of Activity:** Hands on Entrepreneurial skills Training
4. **Organized By :** Students Affair Cell & T&P Cell of BS&H Department
5. **Collaborating Agency :** Central Railways ,Pune
6. **Resource Person /Trainer :** Mr.Pulkit Tiwari, Class 1 officer, Sub-Divisional Railway Manager, Pune
7. **Objectives of the Workshop:**

Entrepreneurial skills can encompass a broad range of various skill sets like technical skills, leadership and business management skills and creative thinking. Because entrepreneurial skills can be applied to many different job roles and industries, developing your entrepreneurial skills can mean developing several types of skill sets. For instance, to be a successful business owner, you may need to develop your business management skills. To build and maintain successful project teams you might need to improve your leadership and communication skills. Entrepreneurial skills can encompass a large range of both soft and hard skills. Because of the many business roles entrepreneurs may take on, they may also develop a variety of different skill sets to accommodate the growth of their businesses and brands.

Entrepreneurship as a career alternative is becoming more and more popular across age, gender, and ethnic origin. Being an entrepreneur is not limited to certain personality types or stereotypes; there is possibly an entrepreneurial spirit in all of us. As the global economy grows and changes, there are more and more opportunities for individuals to become entrepreneurs and adopt careers that fit their lifestyles. Entrepreneurship is a vital part of any national economy.

After completing this workshop students will be able to:

1. To understand different career paths and how to choose the right one for their interests and goals.

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2. Developing a resume and cover letter that effectively communicates their skills and experience to potential employers.
3. Networking with professionals in their field and learning how to build and maintain professional relationships.
4. Identifying their strengths and weaknesses and developing strategies to improve their performance in the workplace.
5. Learning how to set goals and create a plan to achieve them.
6. Understanding the basics of entrepreneurship and how to start and run a small business.
7. Developing critical thinking, problem-solving, and decision-making skills.
8. Learning how to manage time effectively and prioritize tasks.
9. Improving communication and collaboration skills.
10. Gaining confidence in their abilities and becoming more self-motivated.

Overall, the goal of a career and entrepreneurship workshop is to help participants develop the skills and knowledge they need to succeed in their chosen career or start their own business.

8. Place of Activity (venue): **Drawing Hall & BS&H Department**

9. Number of Participants: Total 184 students participated for this workshop

10. Participants from: **All Branch** Students from Engineering Department (First Year)

11. Workshop Discussions & Hands on Training on:

Day Monday (26/12/2022)	**Guidance on Career & Entrepreneurship** ➢ Speaker targeted to provide opportunities to our students to expand their dexterities in various significant facets involved in building Career Opportunities in Entrepreneurship and Innovation. He also elucidated on …. ➢ how to be an entrepreneur focusing on core areas of the Business building like the relationship between Innovation & Entrepreneurship, ➢ Types of Entrepreneurs, Functions of an Entrepreneur, ➢ Barriers to Entrepreneurship, Qualities of an Entrepreneur, Circle diagram for startup, Internal & External Factors of Entrepreneurship and finally pondered on 'My startup story and Innovation'.
	Interactive Activities on Above during the workshop were condcuted

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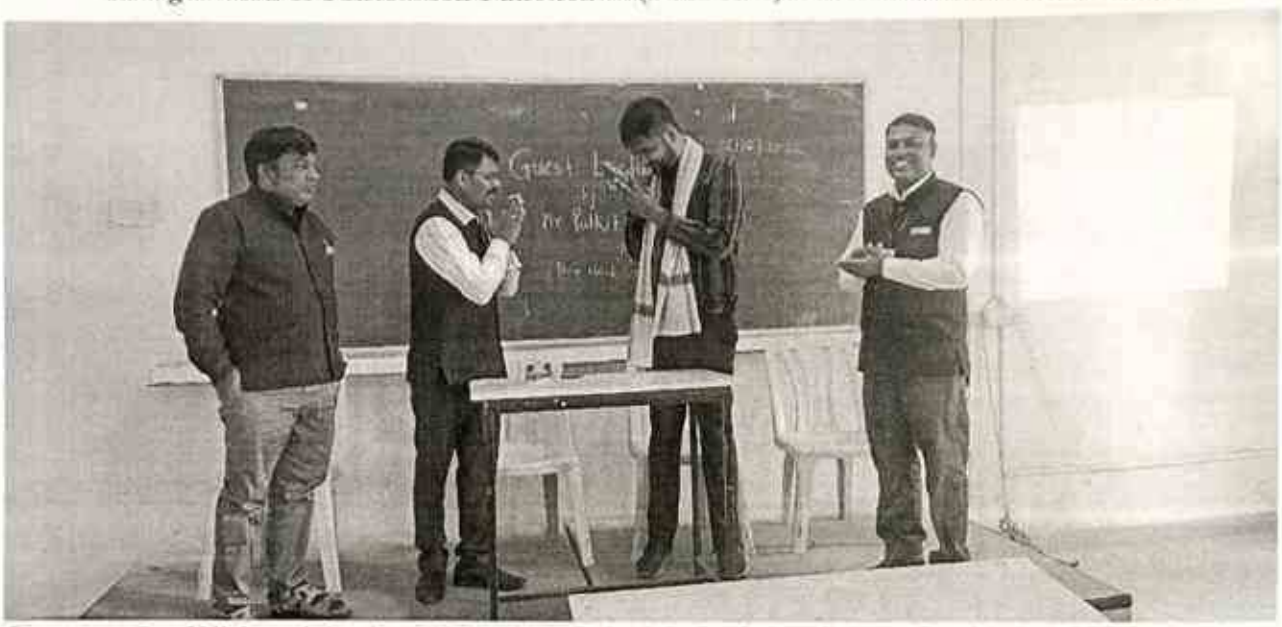
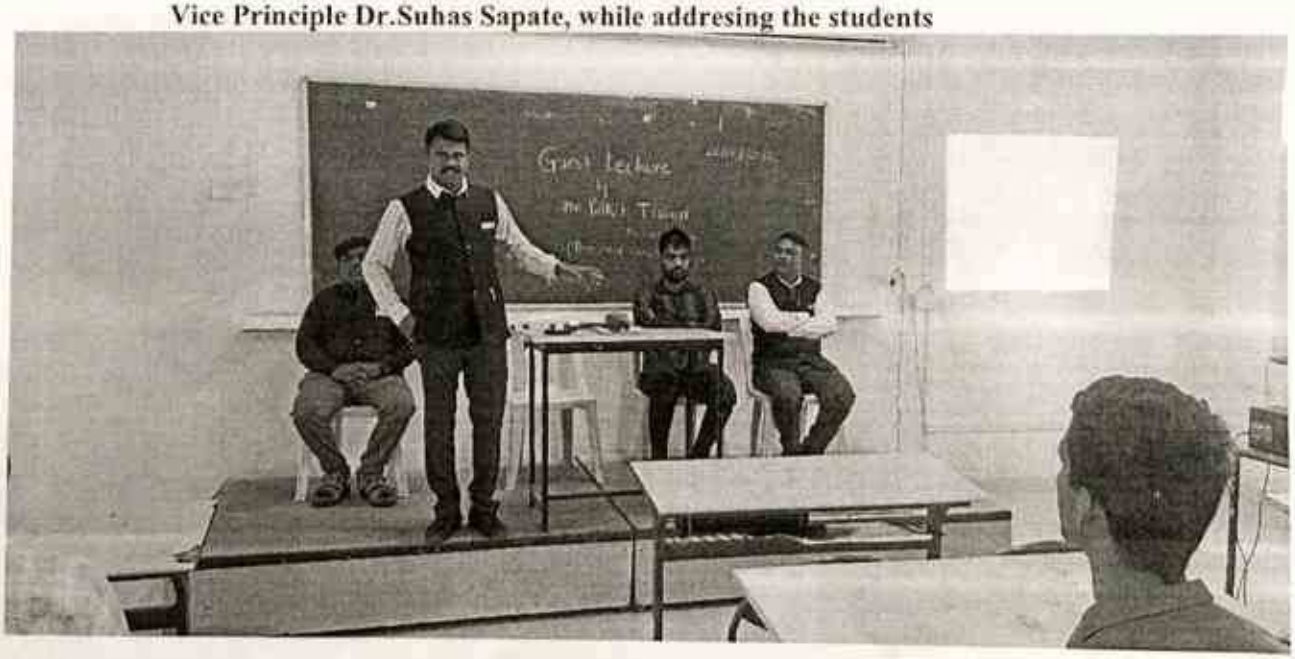
12. Photographs:

Inauguration & Felicitation Function at (BSH Hall) Chief Guest-Mr.Pulkit Tiwari



On stage- Prof.Nishant Tharkar (HoD), Vice Principle Dr.Suhas Sapate, Prof.Ashok Kolekar

Vice Principle Dr.Suhas Sapate, while addresing the students



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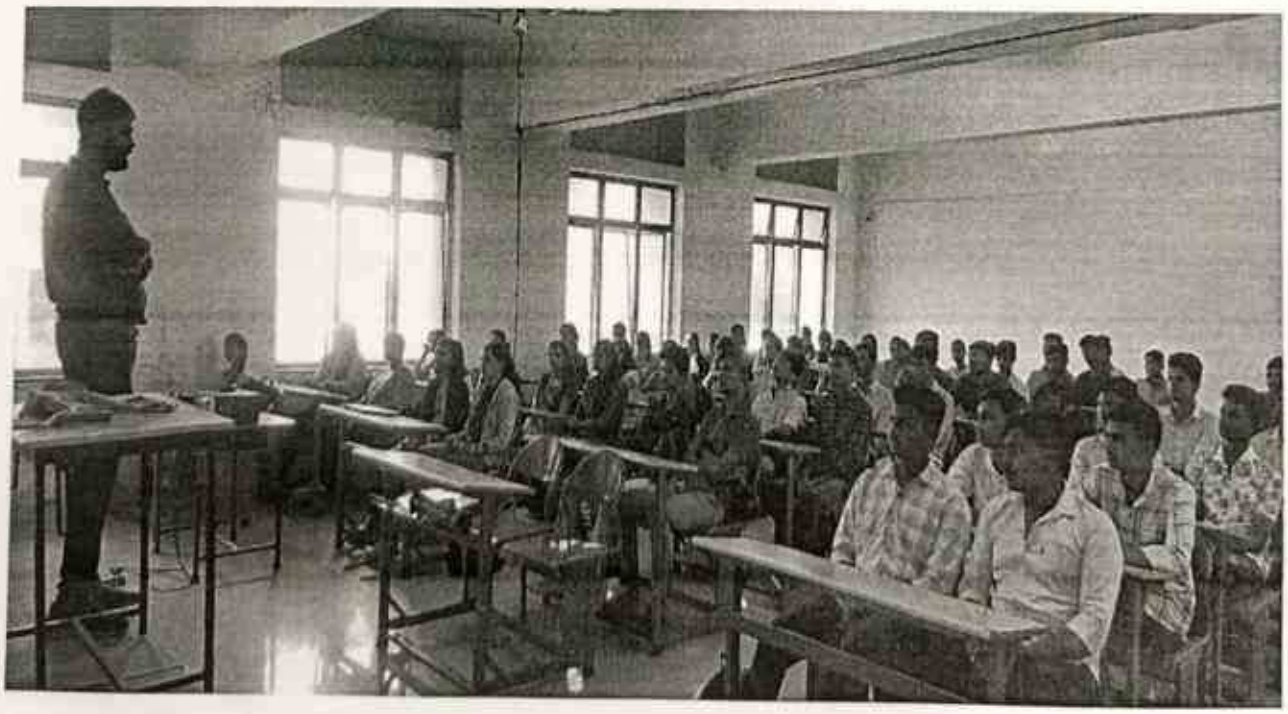
Report – Career Guidance on Entrepreneurship Workshop

Prof.Nishant Tharkar (HoD-BS&H) while introducing the Chief Guest of Workshop

Training Session at BS&H Department Class Rooms by Mr.Pulkit Tiwari,Pune



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During Workshop.....

13. Report Prepared By: Asst. Prof.Ashok B.Kolekar (Students Affair Coordinator)

BS&H Department, Sanjeevan Engineering & Technology Institute, Panhala.

********** **Thank You** **********

(Prof. A B. Kolekar)
Student Affair coordinator
BS & H.

Prof. N.B. Tharkar
H.O.D.
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One Day Workshop " Career Guidance of Entrepreneurship

A.Y. 2022-23 26/12/2022

Roll .No	Candidate Name	Sign
101	BHOIR DIPESH ANANTA	
102	DINDE SAMARTH JANARDAN	
103	KADAM SAMARTH PRAVINKUMAR	
104	KARANDE PRACHI SANJAY	
105	PATIL MAYUR DEEPAK	
106	PATIL SAHIL ARUN	
107	PATIL VYANKATESH MANOHAR	
108	RUPNOOR SATEJ PRAVIN	
109	AREKAR HARSHAD RANGRAO	
110	BHALEKAR KAUSTUBH SAMBHAJI	
111	BHOGAVKAR KEDAR KAMALAKAR	
112	BHOSALE ADITYARAJE SAYAJIRAO	
113	CHOUGALE SANKET PRADIP	
114	DINDE ROHAN BALASO	
115	GAWADE ANIKET SUBHASH	Kedar
116	HAJARE ANKITA AVAGHADI	
117	HALADKAR SWAPNIL SARDAR	
118	KADAM TANVI ASHOK	
119	KHOT AKSHADA SURESH	
120	KULKARNI ABHISHEK MADAN	
121	PATIL ANMOL VISHAL	
122	PATIL DAKSHATA RAJENDRA	
123	PATIL PAVAN GANAPATI	
124	PATIL ROSHAN DNYANDEV	
125	PATIL SAHIL RAJENDRA	
126	PATIL SAHIL RAVINDRA	
127	PAWAR SAHIL BHIVA	
128	PILANKAR RUTUJA SANDIP	
129	POWAR SOURABH SUHAS	
130	RAWAT SWARAJ VITTHAL	
131	SAWANT VINAYAK VIKRAM	
132	THOMBARE SUBHASH PANDURANG	
133	VAISHALI PANDURANG JADHAV	
134	BAHADURE SUDESH RAMCHANDRA	
135	BHALERAV SURAJ NAGRAJ	
136	BHOPALE SAMRUDDHI PRAKASH	Bhopale
137	KHARADE OMKAR JAGDISH	
138	LAD SAHIL SARDAR	
139	MANE ANIKET JAGADISH	
140	PATIL ADITYA RAMESH	
141	PATIL PRATHMESH HINDURAO	
142	PATIL PRATHMESH TANAJI	
143	PATIL RUTURAJ BALASO	
144	PHARANE VIVEK SATISH	
145	POWER RAJ SAMBHAJI	R.S Powar

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Roll .No	Candidate Name	Sign
201	ARYA SANJAY ZENDE	
202	ATHANIKAR NADAF NAHIDA FAIYAZ	
203	BAMBUGADE SAINATH ASHOK	
204	CHOUGALE SAHIL GOVIND	
205	DESAI SIDDHESH SHAILENDRA	
206	DHARANE AJAY VINOD	
207	DHOLE KAIF SAHEBLAL	
208	GAIKWAD SANIKA SATISH	
209	GHATAGE ANISHA POPAT	
210	GOLDE SARTHAK RAOSAHEB	
211	JADHAV SURAJ SAYAJI	
212	KAKADE TANISHAQ SHAILENDRA	
213	KAMBLE VIDYADHAR SHANKAR	
214	KAPASE KETANKUMAR KUBER	
215	KULKARNI OMKAR SOMNATH	
216	MALI PRASANNA NANDKUMAR	
217	MANGLEKAR PURVA ANANT	
218	PATIL PRANAV BABAN	
219	PATIL SHUBHAM	
220	PATIL SOURABH RAOSAHEB	
221	POL PRAJAKTA BHUPAL	
222	RAUT ROODRA NISHANT	
223	REDEKAR PRANITA DIPAK	
224	REDEKAR SATYAJIT VITTHAL	
225	SANGAR PRAMOD PRADIP	
226	SHINDE PRACHI NAMDEV	
227	SUTAR OMKAR SANJAY	
228	SUTAR VAIBHAV NIVAS	
229	TIBE ANJALI GORAKHANTH	
230	TOTAWAR HARSHVARDHAN DEEPAK	
231	AMRUT ANIL ALMAN	
232	BHADEKAR HARSHADA MAHESH	
233	BHIVDARNE PRATIK NAVANATH	
234	BHOSALE ABHISHEK VIJAY	
235	BURAN SANDESH SHIVAJI	
236	GAWADE PARASHRAMDADA CHANDRAKANT	
237	GAWADE SUDESH RAVALNATH	
238	GAWADE TEJASWINI GANPATI	
239	MULIK SANIKA JOTIRAM	
240	PATIL SANIKA SATUPPA	
241	PATIL VAIJAYANTI DATTATRAY	
242	SAMARTH SANDIP DOMBE	
243	SAWANT SAHIL SANTOSH	
244	SURYAWANSHI DURVA CHANDRAKANT	
245	VIRANJAY SHIVAJI MUDAGE	

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. Summary of student participation in Intra & Inter collegiate competitions District, International, State, level year wise

Department of Civil Engineering Summery of Sport Participation 22 23

Year	Name of the award/ medal	Team / Individual	Level of competition (University / State / National / International)	Nature of competition (Sports / Cultural)	Name of the student(s)
2022-23	Participation	Individual	Seniour National	Swimming	Nikhil Nilesh Misal
	Participation	Individual	University	Swimming	Nikhil Nilesh Misal
	Participation	Team	University	Vollyball	Pruthviraj Pratap Gaikwad
	Participation	Team Girls	Annual Sport event	Vollyball	
	Participation	Team Boys	Annual Sport event	Vollyball	Pruthviraj Pratap Gaikwad and Team
	Participation	Team Boys	Annual Sport event	Cricket	Abhishek Jugale and Team
	Runner UP	Individual	Annual Sport event	Chess	Yogesh Yuvraj Patil

Department of Civil Engineering Summery of Cultural Participation 22 23

Year	Name of the award/ medal	Team / Individual	Level of competition (University / State / National / International)	Nature of competition (Sports / Cultural)	Name of the student(s)
2022 23	Participation	Individual	Annual Cultural event	Singing	Ashish G Pawar
	Participation	Individual	Annual Cultural event	Singing	Sandhya Apparao Ganditkar

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Department of Civil Engineering Summery of Sport Participation 22 23

Year	Name of the award/ medal	Team / Individual	Level of competition (University / State / National / International)	Nature of competition (Sports / Cultural)	Name of the student(s)
2022-23	Participation	Individual	Seniour National	Swimming	Nikhil Nilesh Misal
	Participation	Individual	University	Swimming	Nikhil Nilesh Misal
	Participation	Team	University	Vollyball	Pruthviraj Pratap Gaikwad
	Participation	Team Girls	Annual Sport event	Vollyball	
	Participation	Team Boys	Annual Sport event	Vollyball	Pruthviraj Pratap Gaikwad and Team
	Participation	Team Boys	Annual Sport event	Cricket	Abhishek Jugale and Team
	Runner UP	Individual	Annual Sport event	Chess	Yogesh Yuvraj Patil

Department of Civil Engineering Summery of Cultural Participation 22 23

Year	Name of the award/ medal	Team / Individual	Level of competition (University / State / National / International)	Nature of competition (Sports / Cultural)	Name of the student(s)
2022 23	Participation	Individual	Annual Cultural event	Singing	Ashish G Pawar
	Participation	Individual	Annual Cultural event	Singing	Sandhya Apparao Ganditkar

HOD,
Civil Engineering
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Department of Civil Engineering

11. Student participation in Intra and Inter Collegiate Competitions at District, State, National and International levels

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SFIMAXMAH21878

SWIMMING FEDERATION OF INDIA

(Affiliated to FINA-AASF-IOA)

Certificate of Participation

Awarded to NIKHIL MISAL

representing MAHARASHTRA

for participating as a Competitor / Technical / Team Official in the

75th Senior National Aquatic Championships - 2022

Conducted by Assam Swimming Association from 06th to 10th September 2022 at Guwahati under the auspices of Swimming Federation of India.

BHASKAR DAS
ORGANISING SECRETARY
75th Senior National Aquatic Championships

MONAL D. CHOKSI
GENERAL SECRETARY
Swimming Federation of India

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Sr. No. 0200

Dr. Babasaheb Ambedkar Technological University

Vidyavihar, Lonere - Raigad 402 103 (Maharashtra)

University Board of Sports

Certificate

This is to certify that Mr. / ~~Miss~~ Misal Nikhil Nilesh

of the Sanjivan C.O.E. Panvela

was selected as a member of the Dr. Babasaheb Ambedkar Technological University team

which participated in the West Zone / All India Inter University Swimming Men

tournament held at KISS University, Bhubneshawar

in the year 26 - 29 Dec 2022

Dr. Babasaheb Ambedkar Tech. University LONERE RAIGAD

Associate Dean of Sports

Chairman, Board of Sports

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realme Shot by the_aspirant

1) Project titles summary year wise

C. Problem solving methodologies:

Holywood's Accadamy

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DEPARTMENT OF ELECTRICAL ENGINNERING

B.E. ELECTRICAL PROJECT GROUP LIST (AY 2022-23)

Group	R/L	PRN No.	Name of the Student	Project Topic	Guide
PG-1	32	2063151293046	PATIL PRACHIT NANDKUMAR	Solar Car	Prof. Y. R. Naik
	3	2063151293024	BAHADURE SUSHANT VIJAY		
	41	2063151293044	PEERJADE MAINODDEN KALANDAR		
	22	2063151293060	KAPASE OMKAR ASHOK		
	14	2063151293027	INGOLE PRAFULLCHANDRA D.		
	11	2063151293032	HARUGADE SHAILESH NANASO		
	55	2063151293059	VIBHUTE VAIBHAV CHANDRAKANT		
	52	2063151293013	SONVANE SOMANATH KRISHNADEV		
	30	2063151293020	PARIT SANGRAM SANJAY		
	34	2063151293036	PATIL SATEJ SHAHAJI		
PG-2	4	1963151293081	BHOLE RENU RAHUL	Hybrid EV charging station	Prof. N.S. Jadhav
	23	2063151293029	KULKARNI NEHA DILIP		
	27	2063151293040	MULLA RABIYA SHOUKAT MULLA		
	5	2063151293028	BHUYEKAR ADITYA ANIL		
	33	2063151293057	PATIL RAJVARDHAN RAJARAM		
	47	2063151293022	SASAWADE PRAJAKTA SANJAY		
	7	51631520181129310011	DALVI DEVRAJ BHARAT		
	19	1963151293065	KAMBLE PRANALI LAXMAN		
PG-3	31	2063151293045	PATIL KAPIL HARI	Energy Audit at Sanjeevan	Prof. V. T. Metkari
	46	1963151293062	SANKAPAL PRITI DILIP		
	13	2063151293016	HIREMATH CHINMAY UMESH		
	15	2063151293015	JADHAV ABHISHEK ARUN		
	39	2063151293033	PATOLE ABHIJEET SHARAD		
	16	2063151293054	JADHAV SWATI BANDOPANT		
	25	1963151293023	MOLE SHWETA SANJAY		
PG-4	48	2063151293035	SAWANT PRATHAMESH TANAJI	Power generation through vehical suspension and regenerative bracking system in EV	Prof. V. T. Metkari
	43	2063151293042	POWAR TEJAS TANAJI		
	28	1963151293063	MUNDE SUHAS KUBER		
	9	2063151293014	GAIKAWAD SHAILESH SHARAD		
	8	1963151293022	FALAKE OMKAR VIJAY		

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PG-5	18	2063151293047	KAMBLE PANDURANG ANANDRAO	Energy Meter Testing 1phase amd 3 phase using PID controller	Prof. V. T. Metkari
	35	2063151293017	PATIL SHUBHAM SHANKAR		
	24	2063151293026	KUMBHAR DATTATRAY GANAPATI		
	38	2063151293053	PATIL VIVEK SHAMRAV		
PG-6	40	1963151293019	PAWAR SANCHIT PRAKASH	Wind and Solar Hybrid power generation at Sanjeevan	Prof. A. M. Bhandare
	54	1963151293018	SUTAR SHIVAM ARUN		
	21	1963151293021	KAMBLE VAIBHAV PRAVIN		
	56	1963151293020	YADAV SANDEEP KAILASH		
	44	1963151293064	ROTE YOGESH BHAGAWAN		
	45	1963151293069	SALOKHE TUSHAR KRUSHNAT		
PG-7	20	2063151293050	KAMBLE PREM DHONDIRAM	EV Bicycle (Condition IEEE paper publication Must)	Prof. A. M. Bhandare
	29	2063151293052	NAIK RAKESH RAMCHANDRA		
	42	2063151293039	POWALKER TEJAS SUBHASH		
	53	2063151293051	SURYAVANSHI SHUBHAM JAYVANT		
	17	2063151293041	KAMBLE AAKANKSHA ANIL		
	1	2063151293038	BABAR SUCHITRA CHANDRAKANT		
PG-8	2	2063151293019	BHANDARI SUSHANT APPASO	Solar Panel Testing Kit	Prof. Y. R. Naik
	6	2063151293023	CHOPADE PRATIK NISHIKANT		
	50	2063151293034	SHINDE ABHAY ASHOK		
	37	2063151293021	PATIL TEJAS KESHAV		
	36	2063151293031	PATIL SUSHANT SANJAY		
PG-9	10	2063151293048	GAT RAJKUMAR SACHIN	High speed bud cutter machine	Prof. N.S. Jadhav
	51	2063151293018	SHINDE DEEPAK NAMDEV		
PG-10	12	2063151293058	HERLEKAR RUTVIJ UMESH	Monitoring Transmission line parameter by using IOT	Prof. A. M. Bhandare
	49	2063151293025	SHETAKE SHREYASH SAMBHAJI		
	26	2063151293012	MOMIN MUSTAKIM JAFAR		

Project Cordinator
Mr. A. M. Bhandare

HOD
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DEPARTMENT OF ELECTRICAL ENGINEERING

B.E. ELECTRICAL PP-I (AY 2021-22)

Group No.	Roll No.	Name of the Students	Tentative Project Title	Name of Guide
PG-1	2	Lohar Neeraj Alias Kartik Shrirang	Mini Portable CNC Machine	Mr. P. P. Kulkarni
	8	Maner Mohamadali Aslam		
	18	Gurav Amruta Vijay		
PG-2	1	Patil Vishwajeet Jalindar	Solar System AC Power generation without Inverter	Mr. N. S. Jadhav
	13	Ghatage Abhijit Vijay		
	51	Gurav Vasudha Vijaykumar		
	63	Bhalkar Vaishnavi Vijay		
	68	Valake Bhakti Sambhaji		
PG-3	12	Kumbhar Abhijeet Balaso	Digital Smart Pen	Mr. Y. R. Naik & Mr. A. P. Redekar
	15	Mane Abhishek Bhaskar		
	29	Desai Mayuresh Mohan		
	38	Aswale Akshay Vilas		
	44	Shigavakar Aditya Sudhir		
PG-4	7	Dange Pradeep Sarjerao	Solar-wind Hybrid System	Mr. Y. R. Naik
	11	Bhosale Aditya Yuvraj		
	19	Kadam Pradip Laxman		
	56	Gavali Kunal Balvant		
	60	Narke Shubham Dhanaji		
PG-5	3	Gavali Vaishnavi Sanjay	Smart Water Pumping System	Mr. V. T. Metkari
	16	Nikam Neha Sanjay		
	17	Pawar Rutuja Appaso		
	14	Patil Sushant Tanaji		

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Group No.	Roll No.	Name of the Students	Tentative Project Title	Name of Guide
PG-6	46	Mali Shivraj Pandit	Reverse Rotation recovery of Induction Motor	Mr. P. B. Gurav
	48	Mane Shubham Pushpraj		
	61	Dand Niral Vijaykumar		
PG-7	4	Patil Sneha Suresh	Smart Blind Stick	Mr. N. S. Jadhav
	6	Mullani Najim Aslam		
	10	Patil Pratik Sardar		
	22	Patil Uday Dilip		
	23	Bhosale Sangram Prakash		
PG-8	30	Wale Omkar Rajkumar	IOT Based Smart Food Dryer	Mr. P. P. Kulkarni
	35	Koli Rohit Anil		
	49	Patil Rushikesh Deepak		
PG-9	5	Kamble Gaurav Anil	Single Phase to Three Phase Converter	Mr. A. M. Bhandare
	9	Patil Tushar Ramchandra		
	24	Powar Raj Sarjerao		
	36	Patil Digvijay Vilas		
	66	Nalavade Rushikesh Uttam		
PG-10	32	Parab Hemant Laxman	Charging Station	Mr. P. B. Gurav
	33	Desai Piyusha Viragonda		
	40	Sabhasad Aniket Ravindra		
	55	Kadam Ajay Namdev		
	43	Patil Omkar Deepak		
	21	Jambhale Aniket Krishnat		
	57	Kumbhar Atul Shahaji		

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Group No.	Roll No.	Name of the Students	Tentative Project Title	Name of Guide
PG-11	20	Gurav Sourabh Eknath	Multilevel Inverter	Mr. Y. R. Naik
	34	Suryawanshi Alankar Bhimrao		
	41	Mane Rohidas Mahadev		
	58	Naik Adrush Mohan		
	59	Dorugade Akshay Ravindra		
PG-12	26	Pavane Sneha Balkrishna	Solar Panel Cleaner	Mr. P. B. Gurav & Mr. A. P. Redekar
	27	Kamble Priya Govind		
	37	Sutar Pranil Sanjay		
	65	Salvi Amruta Bharatrao		
	67	Hugar Rithika Chandrakant		
PG-13	25	Khilare Mayuri Dadaso	Transmission Line Parameter Monitoring System	Mr. A. M. Bhandare
	39	Kamble Akashata Arun		
	42	Kamble Pranali Kashinath		
	64	Powalkar Sakshi Mohan		
PG-14	54	Patekar Akash Sadashiv	Battery Management System	Mr. V. T. Metkari
	50	Kamble Manjunath Murlidhar		
	52	Jadhav Dinesh Digambar		
	62	Khot Siddhant Maruti		
	31	Patil Prajval Sanjay		

PROJECT COORDINATOR
Mr. N. S. JADHAV

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DEPARTMENT OF ELECTRICAL ENGINEERING

B.E. ELECTRICAL PROJECT GROUPS LIST (AY 2020-21)

Group No.	Roll No.	Name of the Students	Project Title	Name of Guide
PG-1		JOSHI PRANAV LAXMAN	SMART CLASSROOM	Y. R.NAIK
		PATIL DIGAMBAR PANDURANG		
		REMANE SIDDHARTH MAHESH		
		SUTAR RADHIKA AJIT		
PG-2		BHUTKAR OMKAR SANJAY	SMART NOTICE BOARD	P. P. KULKARNI
		KHOT VIPUL VIJAY		
		PATIL BHAGYASHRI ARUN		
		SHINGARE SNEHAL SATISH		
PG-3		PATIL SNEHAL SUNIL	GSM BASED AUTOMATIC ENERGY METER READING AND INSTANT BILLING	A. A. TORASKAR
		POWAR VISHAL BHIMRAO		
		SUTAR ASHUTOSH RAMCHANDRA		
PG-4		BARGIR NISHAD SIKANDAR	AUTOMATIC PESTICIDE SPRAYING MACHINE	V. T. METKARI
		VADGAONKAR AMAN SANJAY		
		KAMBLE KISHOR MACHINDRA		
		PATIL AMOL RAVINDRA		
PG-5		BIRAJE ABHISHEK SANJAY	CURD MAKING MACHINE	N. S. JADHAV
		PATIL SHRIDHAR SAMBHAJI		
		PATIL YOGESH YASHWANT		
		VASAGADEKAR JAYDEV NITIN		
PG-6		DATTU RANJEETSINGH BAJARANG	3 PHASE FAULT ANALYSIS SYSTEM WITH AUTO RESET	Y. R.NAIK
		KUMBHAR SHREESHAILY		
		PATIL PRANAV PANDURANG		
		PATIL PRATIK LUXIMAN		
PG-7		BHOPALE SHRINATH MADHUKAR	MULTY PURPOSE SANITIZING MACHINE	N. S. JADHAV
		MULLA ARIFMAHAMAD RAJUALI		
		MANE PRIYANKA SUBHASH		
		MALI RUTUJA RAJENDRA		
		MOLE SUMIT SHRIKANT		
PG-8		BATTE ANURAG ABHIJEET	SUPERFAST CHARGING OF ELECTRIC VEHICLE	A. P. REDEKAR
		BHOITE SOURABH ANANDA		
		KUMBHAR PRADIP BAJIRAO		
		MORE KETAN NITIN		
		SHINDE AKASH SANJAY		
PG-9		BANDAL RUTURAJ RAJENDRA	GRID CONNECTED WIND - PV HYBRID SYSTEM	A. A. TORASKAR
		KAMBLE PRAGATI ANIL		
		MITAKE SNEHAL NAMDEO		
		SATHE JAYADIP JAYASING		

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PG-10		KHOT SNEHAL VIJAYKUMAR	EYEBALL CONTROLLED AUTOMATIC WHEEL CHAIR FOR PARALYSED PERSONS	A. M. BHANDARE
		DESAI NIKITA SURESH		
		MEDHE PRANITA BHIVAJI		
		MISAL SONALI DHANANJAY		
		PATIL AKASH ASHOK		

PG-11		KAMBLE SATISH NARSING	SMARAT DRYER	P. P. KULKARNI
		KATKAR TUSHAR CHANDRAKANT		
		KAMBLE KRUSHNAT AVINASH		
		KAMBLE MAHENDRA GANPATI		
		KUDALKAR PARIKSHIT HARI		

PG-12		GAWADE SHUBHAM BABASAHEB	HELIOSTAT MODEL FOR SMALL SCALE INDUSTRIES	N. S. JADHAV
		KAMBLE VAISHNAV SHRIKANT		
		PATIL AKSHAY TANAJI		
		PATIL OMKAR BAJIRAO		
		SANKPAL AKASH PPRAKASH		

PG-13		GAIKWAD ASHUTOSH ARVIND	AUTOMATED CHICKEN BROODING MACHINE	A. M. BHANDARE
		GAIKWAD VISHWAJIT AJIT		
		GAVALI OMKAR UDAY		
		MUJAWAR ARBAZ RAJMOHAMMAD		
		SAVAGAVE SHRAVAN SATISH		

PG-14		FERNANDES GAVIN BENJAMIN	E - BIKE (AUTO CHARGING)	A. P. REDEKAR
		STEBIN VARGHESE		
		VALUNJ RAMESH KRISHNAT		
		CHAFODIKAR CHAITRALI DHANANJAY		
		JOSHI VEDANT VISHWANATH		

PG-15		KHONDRE SHUBHAM MAHADEV	AUTOMATED GOLD SPHERE DRILLING MACHINE	A. A. TORASKAR
		MALI VIPUL VIJAY		
		POKARNEKAR ADITYA PRAKASH		

PG-16		BEDAGE RUSHIRAJ SHIVAJI	THUNDER BIKE	Y. R.NAIK
		GAIKWAD MRUNALINEE GAJANAN		
		PARIT RUTUJA BABASO		
		SURYAWANSHI SANYOGITA S.		
		SALOKHE VINAYRAJ BHARAT		
		SHITOLE AMIT KRISHNAT		

PG-17		BASARKATTI SOURABH DINKAR	ELECTRICAL CULTIVATOR & CUTTER	V. T. METKARI
		BATE VIVEK RAMDAS		
		BHOITE CHANDRADIP BHIMRAO		
		PATIL SANGRAM SAMBHAJI		
		PATIL SURAJ BHARAMU		

PG-18		BEDEKAR SUMIT PRAVIN	SMART METER CALIBRATION & TESTING UNIT	P. P. KULKARNI
		ASWALE AISHWARYA VILAS		
		JADHAV SHUBHAM UTTAM		
		PATIL SANGRAM VILAS		
		JOSHILKAR RUSHIKESH RAJARAM		

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PG-19		KAMBLE AMIT MARUTI	ENERGY AUDIT OF SAND EXTRACTION UNIT	P. B. GURAV
		KHADE PRANOTI PRAKASH		
		MASKE KARTIKA SURESH		
		SHINDE RAHUL BIRUDEO		
		MASKE YOGESH D.		
PG-20		GADAGE SONALI SHRIKANT	HOT LINE MAINTENANCE ROBOT BY USING HAPTIC SYSTEM	P. B. GURAV
		KAGALE NEHA CHANDRAKANT		
		PATIL ABHISHEK BABURAO		
		PATIL ROSHANI MAHADEV		
		TODKAR ABHIJEET BAJIRAO		
PG-21		PRABHAVALE POOJA ANAND	TRAFFIC SIGNAL MODIFICATION FOR AN EMERGENCY VEHICLES	A. P. REDEKAR
		PRABHAVALE PRIYANKA ANAND		
		PATIL RAMESH DHONDIRAM		
		KHOT SANKET BABASO		
		TAMHANKAR SUKRUT MILIND		
PG-22		BACHANKAR NILESH SADASHIV	SURFACE CLEANING DISINFECTION MACHINE	A. M. BHANDARE
		KHOND UMESH PRAKASH		
		KHOT DHIRAJ BABASO		
		PATIL SHUBHAM BHUPAL		
		ROTE ROSHAN GANPATI		
PG-23		BICHKAR SHUBHAM RAJENDRA	HOME AUTOMATION BY BRAIN WAVE DETECTOR	P. B. GURAV
		DEVALKAR DHAIRYSHEEL HINDURAO		
		KHOT KASHINATH RAGHUNATH		
		PATIL SANDIP MARUTI		
		POWAR YASH JITENDRA		
PG-24		CHOUGULE SUSMITA MANOHAR	SMART CHICKEN EGG INCUBATOR	V. T. METKARI
		GAIKWAD POOJA SUNIL		
		KAMBLE SHWETA SANJAY		
		DESAI VIRASHREE BHARAT		

PROJECT COORDINATOR
Mr. A. P. REDEKAR
Mr. N. S. JADHAV

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DEPARTMENT OF ELECTRICAL ENGINNERING
B.E. ELECTRICAL PROJECT GROUP LIST (AY 2019-20)

Date-:

Group	R/L	Name of the Student	Group	Project Topic	Guide
PG-1	1	PATRE NILESH ANANDA	PG-1	IoT based transformer monitoring	Mr. Y. R. Naik
	2	PALUNDKAR RAHUL RAMADAS			
	3	POWAR ROSHAN SARDAR			
	4	TELI DNYANESHWAR BHIKAJI			
	5	TONAPE ROSHAN BHIMRAO			
PG-2	6	KAMBLE SIDDHARTH RANGRAO	PG-2	GSM based substation monitoring with earthing analysis	Mr. N. S. Jadhav
	7	MANTUR GOURI MULLIKARJUN			
	8	PATIL RAJVARDHAN BALASO			
PG-3	53	TARAKATE MAYURI MARUTI	PG-3	IoT based solar panel monitoring & controlling	Miss. D. M. Kennagi
	10	MELTKARI PRADNYA PRAKASH			
	11	POWATKAR UTKARSHA BAJASO			
PG-4	12	GAIKWAD DARSHAN ARAVIND	PG-4	Multifunctional Induction Machine	Mr. P. P. Kulkarni
	13	GAWADE NITIN KRISHNA			
	14	JADHAV AKSHAY SAMBHAJI			
	15	NAIK VAIJANATH BHAGAVAN			
	56	DESAI CHETAN			
PG-5	16	DESAI DHIRAJ SHAHAJI	PG-5	Reduction of current & voltage harmonics by using filter in SETI,Panhala	Mr. P. B. Gurav
	17	DESAI MANASI RAJENDRA			
	18	JADHAV AVDHUT JAGANNATH			
	19	GAT SOURABH RAJU			
	20	DATRATE MAYUR DILIP			
PG-6	21	ABHRE SUNIL ASHOK	PG-6	Design of ultracapacitor array and use to increasing efficiency of battery	Mr. V. T. Metkari
	22	DESAI SHUBHAM SANJAY			
	23	KAMBLE PRANAV SURESH			
	24	METAL REVATI RAVINDRA			
PG-7	25	AREKAR MAYURI MARUTI	PG-7	Space vector modulation for three phase VSI	Mrs. S. P. Kulkarni
	26	GHATAGE PRANJALI DINESH			
	27	MOHITE DIVYANI CHHIMRAO			
	28	PATIL SUPRIYA HANMANT			
	57	PATIL PRIYANKA DATTATRAY			
PG-8	29	BHOSALE PAYAL BAJIRAO	PG-8	Speed control of induction motor using cycloconverter	Mr. P. P. Kulkarni
	30	KADAM RUSHIKESH MOHAN			
	31	MARATHE OMKAR JAYANT			
	32	PATIL SUSHANT SHAMRAO			
	33	PATIL TEJASH MAHENDRA			
PG-9	34	CHAVAN NIHAR NITIN	PG-9	Z-Source DC circuit breaker	Mr. A. A. Lotaskar
	35	PARIT VISHAL MARUTI			
	36	SALUNKHE VAIBHAV NAGNATH			
	37	SUTAR AKSHAY DHANAJI			
PG-10	38	AWATE AVINASH MARUTI	PG-10	Solar Based weather station	Mr. A. M. Bhandare
	39	JADHAV AKSHAY RAJENDRA			
	40	KALSANNAVAR ONKAR K.			
	41	SAJANE VISHWAJIT MARUTI			
	42	SHINDE SHUBHAM SUNIL			
PG-11	43	DAVARI VINAYAK R.	PG-11	Battery Efficiency Technology	Mr. A. M. Bhandare
	44	DESHMUKH GAURAV MANSING			
	45	MAGDUM SHRINIVAS SHIVAJI			
	46	SUTAR OMKAR GANESH			
PG-12	47	JADHAV SANKET TUKARAM	PG-12	Water management and theft detection system	Mr. N. S. Jadhav
	48	TIWARI KRISHNA ANANDKISHOR			
PG-13	49	HUGADE VAIBHAV BALASAHEB	PG-13	IoT based power leakage & Tracking	Mr. P. B. Gurav
	52	BUVA VISHAL KRISHNAT			
	51	TAMBIALE SHUBHAM OMPRAKASH			
	50	WADAR DASHARATH BALE			
PG-14	54	BANDIVE PRATHAMESH SHAHJI	PG-14	Current Injection Kit	Mr. Y. R. Naik
	55	WAGHE SURAJ BALASAHEB			

PROJECT COORDINATOR
Mr. A. M. BHANDARE

H.O.D
Mr. P. P. KULKARNI

Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA
DEPARTMENT OF ELECTRICAL ENGINEERING
Project List B.E. 2018-19
CATEGORISATION OF PROJECTS

Total Project List

Roll No.	Name of Students	Project Group No.	TITLE OF PROJECT	Guide Name
5	AYARE SHUBHAM SUNIL	PG - 1	Monitoring of industrial Parameters (Solid waste, Gas waste, Liquid waste)	Miss. P.P. Shendage
23	KADAM POOJA KESHAV			
32	MALAGE SURAJ RANGRAO			
42	PATIL KOMAL BALASO			
P9	YADAV AVINASH	PG - 2	Pitch angle control of wind mill by PID controller	Mr. D. R. Shelar
6	BASUGADE SUSHANT UTTAM			
15	GAWADE NITIN KRISHNA			
P2	DESAI ABHISHEK D			
31	LAD KAUSTUBH PRADIP	PG - 3	Fault detection for 230 V / 440 V distribution line	Mrs. S. P. Kulkarni
24	KALE VEDIKA BABAN			
43	PATIL SNEHAL VILAS			
35	MOLE SNEHAL ANANDA	PG - 4	Under ground fault detector	Ms. P. G. Bendre
1	NAIK VAINATEEB GAVAN			
11	DESAI ASHWINI MARUTI			
14	GAVALI ARUN GANAPATI			
P6	PATIL SHUBHAM RAJENDRA	PG - 5	Modification in EHV Bike	Mr. Y. R. Naik
P8	POTDAR MOHAN SURYANG			
37	NIGADE ATUL RANGRAO			
41	PATIL GAURAV VISHNU			
48	SHINDE MADHAVI VANJAY			
3	APATE ADITI ASHOK			
8	CHAVAN GANESH SUBHASH	PG - 6	Load equilisation in transformer	Mr. A. M. Bhandare
12	DIVEKAR MADHURA SHIVRUTTI			
13	GANDHI SHWETA VISHWANATH			
53	TOPANNAVAR KARTIK SHAVEER			
34	MULLA KARISHMA HAFIZ	PG - 7	Seven level inverter with solar system	Mr. P. P. Kulkarni
35	NAGTILAK MAHESH RAMAKANT			
38	NIGAM PRAVIN VASANT			
52	TIPUGADE SAYALI DATTATRAY			
49	SHINDE MAHESH VILAS	PG - 8	Improving an efficiency of solar panel using automatic cleaning system	Mr. P. P. Kulkarni
20	JADHAV AMAR VITTHAL			
22	KADAM AVINASH CHANDRAKANT			
46	PAWAR ASHISH SURESH			
36	NALAWADE VINAYAK VILAS	PG - 9	Parallel operation of synchronization of alternator	Mr. P. B. Garas
P4	PATIL AKSHAY RAJENDRA			
P5	PATIL PRATIKRAJ			
P7	PATIL SWAPNIL			
P3	ELTANE AVINASH	PG - 10	Community radio station & internet radio	Mr. V. T. Metkari / Miss. P. P. Shendage(Co-guide)
30	KAWALE KUNAL VIJAY			
P10	AVATADE SURAJ NARAYAN			
39	PARKAR MACHHINDRANATH MARUTI	PG - 11	Smart solar grass cutter	Mr. N. S. Jadhav
2	ANGAI UTSAV SARJERAO			
17	GHODAKE AKASH SAMDIPAN			
54	VARAPE ROHIT GOVIND			
25	KAMBLE AKIL ASHOK	PG - 12	Improving power quality by using series compensator	Mr. P. B. Garas
18	HAVALDAR KAUTUK ASHOK			
21	JADHAV RAHUL RAGHUNATH			
26	KAMBLE POONAM SHASHIKANT			
29	KANASE DATTATRAYA CHANDRAKANT	PG - 13	An adaptive voltage sensor based MPPT with SEPIC converter	Mr. N. S. Jadhav
7	BHALEKAR SONALI SABURAO			
40	PATIL AKASH RAGHUNATH			
45	POWAR AKSHAY RAJAKAM			
P1	[illegible] VIPUL SURYAKANT	PG - 14	E-Electric energy audit of Sanjeevan campus	Mr. D. R. Shelar
P2	[illegible] PIYUSH DATTATRAY			

Head of the Department
Electrical Engineering
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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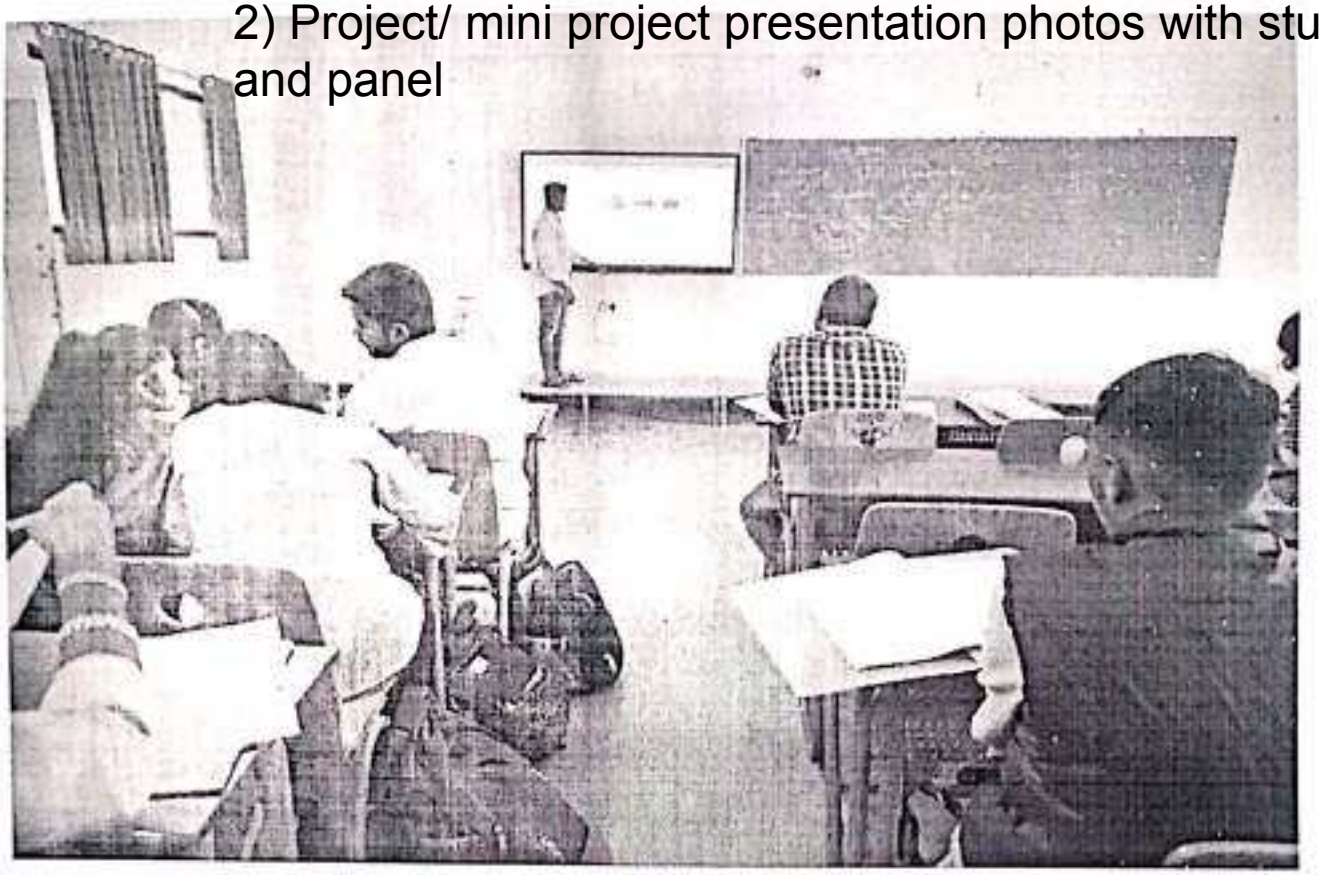
2) Project/ mini project presentation photos with students and panel



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PANHALA

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3) Project completion certificates

AY

2022-23

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Somwar Peth, Panhala - 416 201

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Sanjeevan Knowledge City, Somwar Peth, Panhala, Kolhapur – 416201

Department of Electrical Engineering

CERTIFICATE

This is to certify that Project entitled **"Solar Panel Testing Kit"** is a bonafied Project work carried out by:

Sr. No	Name of Student	PRN
1	Mr. Pratik Nishikant Chopade	2063151293023
2	Mr. Tejas Keshav Patil	2063151293021
3	Mr. Sushant Sanjay Patil	2063151293031
4	Mr. Abhay Ashok Shinde	2063151293034
5	Mr. Sushant Appaso Bhandari	2063151293024

In partial fulfillment of the requirements for the award of **Bachelor of Technology(B. Tech) in Electrical Engineering** by **Dr. Babasaheb Ambedkar TechnologicalUniversity, Lonere** for the academic year 2022-23. It is certified that all the corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has beenapproved as it satisfies the academic requirements in respect of Project prescribed for the said Degree.

Date:

Place: Panhala

Guide
Prof. Y.R. Naik

Head of the Department
Dr. D.S. Bhosale

Internal Examiner
Prof. A. M. Bhandare

External Examiner
Dr. S.V. Yanmore

Principal
Dr. S. N. Jain

Holy-wood Academy, Kolhapur

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE.

Sanjeevan Knowledge City, Somwar Peth, Panhala, Kolhapur - 416201

Department of Electrical Engineering

CERTIFICATE

This is to certify that Project entitled **"Power Generation Through Vehicle Suspension And Regenerative Breaking System In EV's"** is a bonafied Project work carried out by:

Sr. No	Student Name	PRN
1	Falake Omkar Vijay	1963151293022
2	Munde Suhas Kuber	1963151293063
3	Gaikwad Shailesh Sharad	2063151293014
4	Sawant Prathamesh Tanaji	2063151293035
5	Powar Tejas Tanaji	2063151293042

in partial fulfillment of the requirements for the award of **Bachelor of Technology (B. Tech) in Electrical Engineering** by **Dr. Babasaheb Ambedkar Technological University, Lonere** for the academic year 2022-23. It is certified that all the corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project prescribed for the said Degree.

Date: 15/06/2023

Place: Panhala

Guide
Prof. V. T. Metkari

Head of the Department
Dr. D.S. Bhosale

Internal Examiner
Prof. A. M. Bhandare

External Examiner
Dr. S. V. Vanmore

Principal
Dr. S. N. Jain

Holy-wood Academy, Kolhapur.

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE.

Sanjeevan Knowledge City, Somwar Peth, Panhala, Kolhapur – 416201

Department of Electrical Engineering

Certificate

This is to certify that Project entitled **"SOLAR BASED EV CHARGINGSTATION"** is a bonafied Project work carried out by:

Sr. No	Student Name	PRN
1	Mr. Rajvardhan Rajaram Patil	2063151293057
2	Mr. Devraj Bharat Dalavi	51631520181129310011
3	Mr. Aditya Anil Bhuyekar	2063151293028
4	Ms. Renu Rahul Bhole	1963151293081
5	Ms. Pranali Laxman Kamble	1963151293065
6	Ms. Rabiya Shaukat Mulla	2063151293040
7	Ms. Neha Dilip Kulkarni	2063151293029
8	Ms. Prajakta Sanjay Sasawade	2063151293022

In partial fulfillment of the requirements for the award of **Bachelor of Technology (B.Tech)in Electrical Engineering** by **Dr. Babasaheb Ambedkar Technological University, Lonere** for the academic year 2022-23. It is certified that all the corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project prescribed for the said Degree.

Date:

Place: Panhala

Guide
Prof.N.S.Jadhav

Head of the Department
Dr. D.S. Bhosale

Internal Examiner
Prof. A. M. Bhandare

External Examiner
Dr. S V Vanmore

Principal
Dr. S.N. Jain

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Holy-wood Academy, Kolhapur.

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Sanjeevan Knowledge City, Somwar Peth, Panhala, Kolhapur - 416201

Department of Electrical Engineering

CERTIFICATE

This is to certify that Project entitled **"3 Phase fault detection by using IOT"** is a bonafide Project work carried out by:

Sr. No	Student Name	PRN
1	Rutvij Umesh Herlekar	2063151293058
2	Shreyash Sambhaji Shetake	2063151293025
3	Mustakim Jafar Momin	2063151293012

in partial fulfillment of the requirements for the award of **Bachelor of Technology (B. Tech) in Electrical Engineering** by **Dr. Babasaheb Ambedkar Technological University, Lonere** for the academic year 2022-23. It is certified that all the corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project prescribed for the said Degree.

Date:

Place: Panhala

Guide
Prof. A. M. Bhandare

Head of the Department
Dr. D.S. Bhosale

Internal Examiner
Prof. A. M. Bhandare

External Examiner
Dr S V Vamore

Principal
Dr. S. N. Jain

Yashonand Engineers And Contractors

2072 A Ward, Kolhapur

yashonand10@gmail.com

Date:- 19/08/2022

To,
Head of the Department,
Electrical Engineering Department,
Sanjeevan Engineering And Technology Institute Panhala,Kolhapur

Dear Sir,
This is with reference to application of the student for research project in our company.

We are glad to inform you that we have allotted engineering project in our company.

Name of Students
Dattatray G kumbhar
Shubham Shankar patil
Pandurang A. kamble
Vivek shamrav patil

Title of Project: Calibration Of 1 Phase And 3 Phase Energy Meter Using PID Controller.
Project details will be briefed to him on reporting.

M/s.Yashonand Engineers & Contractors
Govt. Licensed Electrical Contractor
M. C. 216310007610122020
2072 'A' Ward, Rankala Stand, Kolhapur

Thanks and regards,

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute

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SANJEEV NATVAR JAIN
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Yashonand Engineers And Contractors

2072 A Ward, Kolhapur

yashonand10@gmail.com

M/s. Yashonand Engineers & C. M. C. 21631000 7610122020

Date:- 18/05/2023

To whom it may concern

This is with certify that following students from Electrical Department, Sanjeevan Engineering And Technology Institute Panhala,Kolhapur has completed the project with us, under our research and development activity.

Name of Students- from Degree in Electrical Branch

Dattatray .G. Kumbhar
Shubham Shankar patil
pandurang A. kambale
vivek shamrav patil

Above students successfully completed their project on
Title of Project: Callibration of 1 phase and 3 phase energy meter using PID controller

Thanks and regards,

M/s. Yashonand Engineers & Contractors
Govt. Licensed Electrical Contractor
M. C. 21631000 7610122020
2072 'A' Ward, Rankala Stand, Kolhapur

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

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Sangwar Peth, Panhala - 416 201

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ERO POWER

ERO Power LLP
A-805, 8th Floor, Lodha Altia,
New Cuff Parade, Wadala Truck Terminal
Road, Antop Hill, Mumbai - 400037
Email Address: vandana@eropower.in
Contact Details: 7887373263

Sponsorship Letter

Tejas Powalkar

Date:-05/05/2023

Wangikar galli,
Talsande,
Kolhapur-416112

Welcome to ERO Power,

Please refer to your presentation dated 05th May 2023, we are pleased to offer you sponsorship from our organization as discussed for project of E-Bicycle, other terms and conditions of Sponsorship will be shared to you after your project completion & also subject to the clearance of your final year exam from university.

2. Date of Project Submission: 30th August 2023

3. Location: Your location shall be EON Kharadi Pune

We wish you a fulfilling and successful career with ERO Power LLP.

Yours Faithfully,

For ERO Power LLP

EON Kharadi Infrastructure Pvt. Ltd. Kharadi Pune

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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2021-22

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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MANTRA
designing
printing
painting

ॐ

B-3-3, APURV TOWER NEAR MANDUK PARK 13th LANE RAJARAMPURI (EAST), KOLHAPUR-416 008. M : 8237414188

To,

The principal,

Sanjeevan Engineering and Technology Institute.

SETI-Panhala 416201.

Subject: Regarding Final Year Bachelor of Engineering Project Sponsorship.

Respected sir,

I am **Mr. Ramrahul Jadhav** Owner of **MANTRA GRAPHICS**, have given the idea about the **"MULTI-PURPOSE PORTABLE CNC MACHINE"** to these students and they are completed as per requirement. I have given sponsorship for their project. As per the terms and conditions they have to submit their project after the final year presentation.

Thanking You,

Name of the Students (Project Group)

Lohar Neeraj Shrirang

Gurav Amruta Vijay

Maner Mohammadali Aslam

Jyadhav

MANTRA GRAPHICS,

Mr. Ramrahul Jadhav.

8237414188

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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MANTRA
designing
printing
painting

B-5-3, 'APURV TOWER' NEAR MANDEIK PARK 13th LANE RAJARAMPURI (EAST), KOLHAPUR-416 008. M : 8237414188

To,

The principal,

Sanjeevan Engineering and Technology Institute.

SETI-Panhala 416201.

Subject: Regarding Final Year Bachelor of Engineering Project Sponsorship.

Respected sir,

I am **Mr. Ramrahul Jadhav** Owner of **MANTRA GRAPHICS**, have given the idea about the **"MULTI-PURPOSE PORTABLE CNC MACHINE"** to these students. I have given sponsorship for their project. As per the terms and conditions they have to submit their project after the final year presentation.

Thanking You,

Name of the Students (Project Group)

Lohar Neeraj Shrirang

Gurav Amruta Vijay

Maner Mohammadali Aslam

ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Semwar Path, Panhala - 416 201

MANTRA GRAPHICS,

Mr. Ramrahul Jadhav,

8237414188

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

ASHANI ENTERPRISES

Reg. No. MH31A0005771, GST-27CAOPS5375N1ZM

Tarangan Apartment, Shivshakti Nagar, Kankavli-416602
Contact No-9403351262 /9404173404, Email-ashanienterprises@gmail.com

Date-17/11/2021

SPONSORSHIP LETTER

To,
The Principal,
Sanjeevan Engineering & Technology Institute. SETI-Panhala
416201.

Subject: Regarding Final Year Bachelor of Engineering Project Sponsorship.

Respected Sir,

I am **Mr. Siddhesh Sawant** Owner of **ASHANI ENTERPRISES,** Have given the idea about the **SOLAR CHARGING STATION** to these students and they are completed as per requirement. I have given then sponsorship for their project. As per the terms and condition they have to submit their project after the final year presentation.

Thanking You,

Name of the students (Project Group)

Parab Hemant Laxman.

Desai Piyusha Viragonda.

Sabhasad Aniket Ravindra.

Kadam Ajay Namdev.

Patil Omkar Dipak.

Kumbhar Atul Shahaji.

Jambhale Aniket Krishnat.

ASHANI ENTERPRISES

For ASHANI ENTERPRISES,

Siddhesh Sawant,

9403351262/9404173404

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

Save Energy, Save Assets of Future.

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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ASHANI ENTERPRISES

Reg. No. MH31A0005771, GST-27CAOPS5375N1ZM

Tarangan Apartment, Shivshakti Nagar, Kankavli-416602 Contact No-9403351262 /9404173404, Email-ashanienterprises@gmail.com

Date:-11/06/2022

COMPLETION LETTER

To,

Project Guide,

Dept. of Electrical Engineering.

SETI. Panhala 416201

Respected sir,

I am Owner of ASHANI ENTERPRISES near in kankavali declare that the students of B. Tech Electrical from Dept. of Electrical Engineering, SETI Panhala 476201.

Name :-

Parab Hemant Laxman.

Desai Piyusha Viragonda.

Sabhasad Aniket Ravindra.

Kadam Ajay Namdev.

Patil Omkar Dipak.

Kumbhar Atul Shahaji.

Jambhale Aniket Krishnat.

Satisfactorily completed the assigned project to them within a give period. So, I assured you their fulfilment of the final year project.

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Thanking You
Siddhesh Sawant

Save Energy, Save Assets of Future.

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Shree Dutta Cane Agro Ltd.

C/o Pratap Bapuso Lad, KUNDAL 416309 Tal- Palus Dist Sangli.MH(India)Mob: 9766327181

Website : duttcaneagro.com , Email : pratapladGG@gmail.com CIN : U01110PN2017PCL171335

Date :- 06/06/2022

SPONSORSHIP LETTER

To,
The principal,
Sanjeevan Engineering & Technology Institute. SETI-Panhala
416201

Subject:- Regarding Final Year Bachelor of Engineering Project Sponsorship.

Respected sir,

I am Mr. Pratap Lad Owner of SHREE DATTA CANE AGRO PVT.LTD Have given the idea about the POWER GENERATION BY REVOLVING DOOR to these students and they are completed as per requirement. I have given the sponsorship for the project after final year presentation.

Thanking You,

Name of the students(project Group)

Kupade Abhishek Balasao

Lad Akshay Shivaji

SHREE DATTA CANE AGRO PVT.LTD

Pratap. B . Lad

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

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Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

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Shree Dutta Cane Agro Ltd.

C/o Pratap Bapuso Lad, KUNDAL 416309 Tal- Palus Dist Sangli.MH(India)Mob: 9766327181

Website : duttcaneagro.com , Email : prataplad66@gmail.com CIN : U01110PN2017PCL171335

Date-04/07/2022

COMPLETION LETTER

To,
Project Guide
Dept. of Electrical Engineering.
SETI, Panhala 416201

Respected sir,

I am Owner of SHREE DATTA CANE AGRO PVT.LTD near in Khanapur declare that the students of

B.Tech Electrical from Dept of Electrical Engineering ,SETI Panhala416201

Name:-

Kupade Abhishek Balasao

Lad Akshay Shivaji

Satisfactorily completed the assigned project to them within a given period.so I assured you their fulfilment of the final year project .

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Gomyer Peth, Panhala - 416 201

Thanking You

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SANJEEV NATVAR JAIN
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AY

2020-21

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute,
Somwar Peth, Panhala - 416 201

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

ELECTROSAL HI TECH PVT. LTD. SHRIPEWADI
Factory H. No. 397 At. Shripewadi Po. Nanganur, Nipani – 591241
CIN : U32303KA2013PTC072576PH. NO. 8880027297 , 7026267272
web : www.electrosal.com mail : info@electrosal.com

SPONSORSHIP LETTER

DATE :- 20/8/2020

To,
The Principal,
Sanjeevan Engineering & Technology Instititude,
SETI – Panhala.

Name of Students:-
Ranjeetsinh Bajarang Dattu.
Pranva Pandurang Patil.
Pratik laxman Patil.
Shreeshailya Appaso Kumbhar.

Subject: - About Sponsorship….

Respected Sir,

I am T. D. Salunkhe owner and managing Director of Electrosal Hi tech pvt. Ltd , Shripewadi Tal. Nipani Dist. Belguam. I have given them idea about **THREE PHASE FAULT ANALYSIS AND LOCATION DETECTOR WITH AUTO RESET ON TEMPORARY FAULT AND PERMANENT TRIP OTHERWISE** to the students. They are completed as per my requirement. I have given them sponsorship for their project. As per terms and conditions they have to submit their project after final demo.

Thank you.
Yours Faithfully,

ELECTROSAL HI TECH PVT. LTD.
MANAGING DIRECTOR
TUKARAM SALUNKHE

ELECTROSAL HI TECH PVT. LTD. SHRIPEWADI

PRINCIPAL
Sanjeevan Engg & Tech. Institute
Somwar Peth, Panhala - 416 201

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

ELECTROSAL HI TECH PVT. LTD. SHRIPEWADI
factory H.no.397 at.shripewadi po.nanganur, nipani-591241 .
Web: www.electrosal.com Ph. No. 8880027297

COMPLETION LETTER

DATE :- 24/12/2020.

s per our company requirement the below students have satisfactorily completed
e assigned project to them within given period of time.

me of Students:-

Pranva pandurang patil

Ranjeetsinh bajarang dattu

Pratik laxman patil

Kumbhar shreeshailya appaso.

Thank you.

ELECTROSAL HI-TECH PVT. LTD.

MANAGING DIRECTOR
TULASIDAS SALUNKHE

Authorised Signatory

ELECTROSAL HI TECH PVT LTD SHRIPEWADI

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN: O=SANJEEVAN ENGINEERING &

PATIL POULTRY FARM

Mr.R.S.Patil, Phone No.7219592737. A/P Bambavade(416 213),

Tal- Shahuwadi, Dist-Kolhapur.

SPONSORSHIP LETTER

DATE :- 19/10/2020

To,

The Principal,

Sanjeevan Engineering & Technology Instititude,

SETI – Panhala.

Name of Students:- Susmita Manohar Chougule.

Virashree Bharat Desai.

Shweta Sanjay Kamble.

Pooja Sunil Gaikwad.

Subject:- About Sponsership....

Respected Sir,

I am R.S.Patil owner of Patil Poultry Farm, A/p Bambavade ,Tal Shahuwadi, Dist-Kolhapur. I have given them idea about Smart Egg Incubator Machine to the students. They are completed as per my requirement. I have given them sponsorship for their project. As per terms and conditions they have to submit their project after final demo.

Thank you.

Yours Faithfully,

Mr. R.S.Patil

PRINCIPAL

Sanjeevan Engg. & Tech. Institute

Somwar Peth, Panhala - 416 201

Signature Not Verified

SANJEEV NATVAR JAIN

Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

PATIL POULTRY FARM
Mr.R.S.Patil, Phone No.7219592737 A/P- Bambavade(416 213),
Tal- Shahuwadi Dist- Kolhapur

COMPLETION LETTER

DATE :- 31/03/2021

To,

The Project Guide,

Department of Electrical Engg.,

SETI – Panhala.

Respected Sir,

I am R.S.Patil. owner Patil Poultry Farm Bambavade, Tal-Shahuwadi Dist-Kolhapur.

Name of Students:- Susmita Manohar Chougule.

Virashree Bharat Desai.

Shweta Sanjay Kamble.

Pooja Sunil Gaikwad.

Satisfactorily completed the assigned project to them within given period of time.

So, I assured you for their fulfillment of final year project.

Thank you.

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Yours Faithfully,

Mr. R.S.Patil.

पाटील पोल्ट्री फार्म
बाबवडे. मो. 9421003414

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

LIC.NO.:20312000314832003

SAMARTH TRANSFORMERS

SPONSORSHIP LETTER

Date: 7.02.2021

To,
The Principal,
Sanjeevan Engineering & Technology Institute.
SETI-Panhala.

Name: Kagale Neha Chandrakant
Gadage Sonali Shrikant
Roshani Mahadev Patil
Abhishek Beburao Patil
Abhijeet Bajirao Todakar

Subject: About sponsorship....

Respected sir,

We are Samarth Transformers , we Have given Them Idea about Double Holder Welding Transformer to this students and they are completed as per our requirement. we have given them sponsorship for their project. As per the terms and conditions they have to submit their project after final demo.

Thanking You.

Yours Faithfully,
Samarth Transformer.

Sponsors: Mr.RohitMali

Mr. AkshayKamble

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somvar Peth, Panhala - 416 201

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

LIC.NO.:20312000314832003

SAMARTH TRANSFORMERS

COMPLETION LETTER

Date: 14-6-2021

To,
Project Guide,
Dept.of Electrical Engg. SETI, panhala

Respected sir,

we are the owner of samarth Transformers nearby declare that the students of B.Tech.Electrical from Dept. of Electrical Engg.SETI Panhala,

Name:
Kagale Neha Chandrakant
Gadage Sonali Shrikant
Roshani Mahadev Patil
Abhishek Baburao Patil
Abhijeet Bajirao Todakar

So, I assured you for their fulfillment of final year project.

ThankingYou

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Yours regards,
Samarth transformers

onsors: Mr.RohitMali

Mr. AkshayKamble

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

olhapur Foundry and Engineering Cluster
GSTIN No. 27AAECK0826H1ZO
gd. No. U74999 PN 2006 NPL 021634 Dt. 20/01/2011)
Regd. Office : Plot No. P - 62, MIDC Shiroli, Tal. Hatkanagale, Kolhapur - 416 122
Additional Place of Business : Goshima Sub-Cluster, P-82, MIDC, Gokul Shirgaon, Kolhapur-416234.
E-mail : kfcluster@gmail.com, info@kolhapurfoundrycluster.org, Website : www.kolhapurfoundrycluster.org
Managing Director :
SHRIKANT D. DUDHANE
Mob : +91-9822056246
Chairman :
SACHIN PATIL
Mob : +91-9370020077

Sponsorship Letter

Date: 11 Aug 2020

To,
Project Guide,
Dept, Of Electrical Engg,
SETI, Panhala.

Dear Sir,

I am Mr. Sachin S. Patil, Chairman of Kolhapur Foundry & Engineering Cluster hear by declare that following students of B.E Electrical Engg. Seti panhala.

Names:- Mr. Yogesh Maske.
Miss. Kartika Maske.
Miss. Pranoti Khade.
Mr. Amit Kamble.
Mr. Rahual Shinde.

Are completed there "Energy audit & Recommendation to reduce cost of electricity" Project in our Sand Reclamation plant' Shiroli. This project is sponsored by our plant. As per terms & conditions students must submit their project report to us after their final demo.

Thanking you,

Yours faithfully,

Mr. Sachin S. Patil
Chairman,
Kolhapur Foundry & Engineering Cluster

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

Kolhapur Foundry and Engineering Cluster

(Regd. No. U74999 PN 2008 NPL 021634 Dt. 20/01/2011) GSTIN No. 27AAECK0826H1ZO

Regd. Office : Plot No. P - 62, MIDC Shiroli, Tal. Hatkanagale, Kolhapur - 416 122

Additional Place of Business : Goshima Sub-Cluster, P-82, MIDC, Gokul Shirgaon, Kolhapur-416234.

E-mail : kfcluster@gmail.com, info@kolhapurfoundrycluster.org, Website : www.kolhapurfoundrycluster.org

Managing Director :
SHRIKANT D. DUDHANE
Mob : +91-9822056246

Chairman :
SACHIN PATIL
Mob : +91-9370020077

13 APR 2021

To,
Project Guide,
Department of electrical engineering
SETI, Panhala.

Dear Sir,

I am Sachin S. Patil, Chairman, Kolhapur Foundry and Engineering Cluster. Hereby declare that, following students of B.E. Electrical Engineering, SETI Panhala.

Names:- Mr. Yogesh Maske
Miss. Kartika Maske
Miss. Pranoti Khade
Mr. Amit Kamble
Mr. Rahul Shinde

Are completed their "Energy audit and recommendation to reduce cost of electricity" project in our sand reclamation plant. This project was sponsored by our plant and now it's completed. As per terms and condition students must submit their project report of golden embassies to us after final checking and signing by collage.

Thanking you,

Yours faithfully,

Sachin S. Patil
Chairman,
Kolhapur foundry and engineering cluster

SANJEEVAN ENGG & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Panhala 416 201

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

GAJANAN ELECTRICALS
KOLHAPUR

919 B word Azad chowk
Kolhapur.416002

Gajananelectricals.9000@gmail.com

SPONSORSHIP LETTER

DATE: 3/8/2020

To,
The Principal,
Sanjeevan Engineering & Technology Institute,
SETI- Panhala 416201.

Name:

RUSHIRAJ SHIVAJI BEDAGE.
MRUNALINEE GAJANAN GAIKWAD.
AMIT KRUSHNATH SHITOLE.
VINAYRAJ BHARAT SALOKHE.
RUTUJA BABASO PARIT.
SANYOGITA SURYAKANT SURYAWANSHI.

Subject: About Sponsorship.

Respected sir,

I am **Mr. Vinayraj B Salokhe owner of Gajanan Electricals.** Have given the idea about the fully electrical bike (E-bike) having new self-charging techniques named as Thunder bike to these students and they are completed as perm requirement. I have given them sponsorship for their project. As per the terms and conditions they have to submit their project after the final demo.

Thanking You.
Yours Faithfully,
Mr. Vinayraj B Salokhe

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

GAJANAN ELECTRICALS
KOLHAPUR

919 B word Azad chowk
Kolhapur.416002

Gajananelectricals.9000@gmail.com

COMPLETION LETTER

DATE: 31/03/2021

To,
Project Guide,
Dept. of Electrical Engineering.
SETI, Panhala 416201.

Respected sir,

I am **Mr. Vinayraj B Salokhe owner of Gajanan Electricals** near Kolhapur declare that the students of B. Tech Electrical from Dept. of Electrical Engineering, SETI Panhala 416201.

Name:

RUSHIRAJ SHIVAJI BEDAGE.
MRUNALINEE GAJANAN GAIKWAD.
AMIT KRISHNAT SHITOLE.
VINAYRAJ BHARAT SALOKHE.
RUTUJA BABASO PARIT.
SANYOGITA SURYAKANT SURYAWANSHI.

Satisfactorily completed the assigned project to them within a given period. So, I assured you of their fulfilment of the final year project.

Thanking You

Mr. Vinayraj B Salokhe

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

GALAXY

ENGINEERS & CONTRACTORS

Mahalaxmi Prasad Apt., Tarabai Park, Kolhapur-416003(Mah.)
Mob:9833877482. E-mail: galaxyengineering62@gmail.com

SPONSORSHIP LETTER

Date :04.08.2020

To,
Project guide,
Dept. of Electrical Engg.
SETI.Panhala.

Names :

Mr. Gavin Benjamin Fernandes.

Mr. Stebin Varghese Kanjiramparambil

Mr. Vedant Vishwanath Joshi

Mr. Ramesh Krishnat Valunj

Miss. Chaitrali Dhananjay Chafodikar

Subject : About sponsorship.

Respected sir,

I am Mr.Elvis D'souza ,Proprietor of Galaxy Engineers & Contractors, I have given them the idea of making a Smart Self charging E-bicycle to this students and they have to complete it as per my requirement. I have given them sponsorship for their project .As per the terms and conditions they have to submit their project after final demo.

Thanking you .

Your Regards,

GALAXY ENGINEERS & CONTRACTORS KOLHAPUR

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

GALAXY

ENGINEERS & CONTRACTORS

Mahalaxmi Prasad Apt., Tarabai Park, Kolhapur-416003(Mah.)
Mob:9833877482. E-mail: galaxyengineering62@gmail.com

COMPLETION LETTER

Date :17.06.2021

To,
Project guide,
Dept. of Electrical Engg,
SETI,Panhala.

Respected sir,

I am Mr.Elvis D'souza ,Proprietor of Galaxy Engineers & Contractors, Hereby declare that the students of B.E Electrical ,SETI Phanala,

Names : Mr. Gavin Benjamin Fernandes.

Mr. Stebin Varghese Kanjiramparambil

Mr. Vedant Vishwanath Joshi

Mr. Ramesh Krishnat Valunj

Miss. Chaitrali Dhananjay Chafodikar

Satisfactorily completed the assigned project given to them within the given time period .

So, I assured you for their fulfillment of the final year project.

Thanking you .

Your Regards,

GALAXY ENGINEERS & CONTRACTORS KOLHAPUR
Elvis D'souza

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Mamlekar Peth, Panhala - 416 201

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

SHRI RAM FLOWERS
Reg.No.107634461803, Mr.R.R.Bhosale, Phone No.8888004444
Work/Office,Swastik Plazza,New Shahupri,Kolhapur. 416 003.

SPONSORSHIP LETTER

DATE :- 28/08/2020

To,

The Principal,

Sanjeevan Engineering & Technology Instititude,

SETI – Panhala.

Name of Students:- Nishad Sikandar Bargir

Aman Sanjay Vadgaonkar

Kishor Machhindra Kamble

Amol Ravindra Patil

Subject:- About Sponsership....

Respected Sir,

I am R.R.Bhosale owner of Shri Ram Flowers, Swastik Plazza,New Shahupri,Kolhapur. I have given them idea about Automatic Pesticide Spraying Machine to the students. They are completed as per my requirement. I have given them sponsorship for their project. As per terms and conditions they have to submit their project after final demo.

Thank you.

श्रीराम फ्लॉवर्स

मोप्रायटर

Yours Faithfully,

Mr. R.R.Bhosale

SANJEEVAN ENGG. & TECH. INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

SHRI RAM FLOWERS
Reg.No.107634461803, Mr.R.R.Bhosale, Phone No.8888004444
Work/Office,Swastik Plazza,New Shahupri,Kolhapur. 416 003.

COMPLETION LETTER

DATE :- 05-05-2022

To,

The Project Guide

Department of Electrical Engg.,

SETI Panhala

Respected Sir,

I am R.R.Bhosale owner of Shri Ram Flowers, Swastik Plazza,New Shahupri,Kolhapur.

Name of Students:- Nishad Sikandar Bargir

Aman Sanjay Vadgaonkar

Kishor Machhindra Kamble

Amol Ravindra Patil

Satisfactorily completed the assigned project to them within given period of time.

So, I assured you for their fulfillment of final year project.

Thank you.

Yours Faithfully,

Mr. R.R.Bhosale

श्रीराम फ्लॉवर्स

Bhosale

मोप्रायटर

SANJEEVAN ENGG. & TECH INSTITUTE PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Samwad Park, Panhala - 416 201

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

आपले सरकार सेवा केंद्र,बोरवडे

ता-कागल, जि-कोल्हापूर

CSC-564534170010

SPONSORSHIP LETTER

DATE: 18/09/2020

TO,
The Principal,
Sanjeevan Engineering & Technology Institute.
SETI- Panhala.

Name: Ruturaj Rajendra Bandal
Jaydip Jaysing Sathe
Snehal Namdev Mitake
Pragati Anil Kamble

Subjecct: About Sponsorship...

Respected Sir,

I am Mr. Suryawanshi V.L. Working In Apale Sarkar Seva Kendra, Boravade. I Have given them the idea about Hybrid Wind- Solar Powar Generation To this students and they are completed as per my requirement. I havegiven them sponsorship for their project. As per the terms and Conditions they have to submit their project after final demo.

Thanking You.

Yours Faithfully

Mr. Suryawanshi V.L.

PRINCIPAL
Sanjeevan Engg. & Tech. Institute

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

आपले सरकार सेवा केंद्र,बोरवडे
ता-कागल, जि-कोल्हापूर, 416208
CSC-564534170010

COMPLETION LETTERE

DATE: 30/03/2021

To,
Project Guide,
Dept. of Electrical Engg,
SETI, panhala

Respected sir,

I am Mr. Surywanshi V. L. owner of Hybrid Wind - Solar Power Generation near by declare that the students of B.E. Electrical from Dept. of Electrical Engg. SETI Panhala,

Names:- Ruturaj Rajendra Bandal
Jaydip Jaysing Sathe
Snehal Namdev Mitake
Pragati Anil Kamble

Satisfactorily completed the assigned project to them within given period of time.
So, I assure you for theirfulfillment of final year project.

Thanking You

Yours Faithfully,

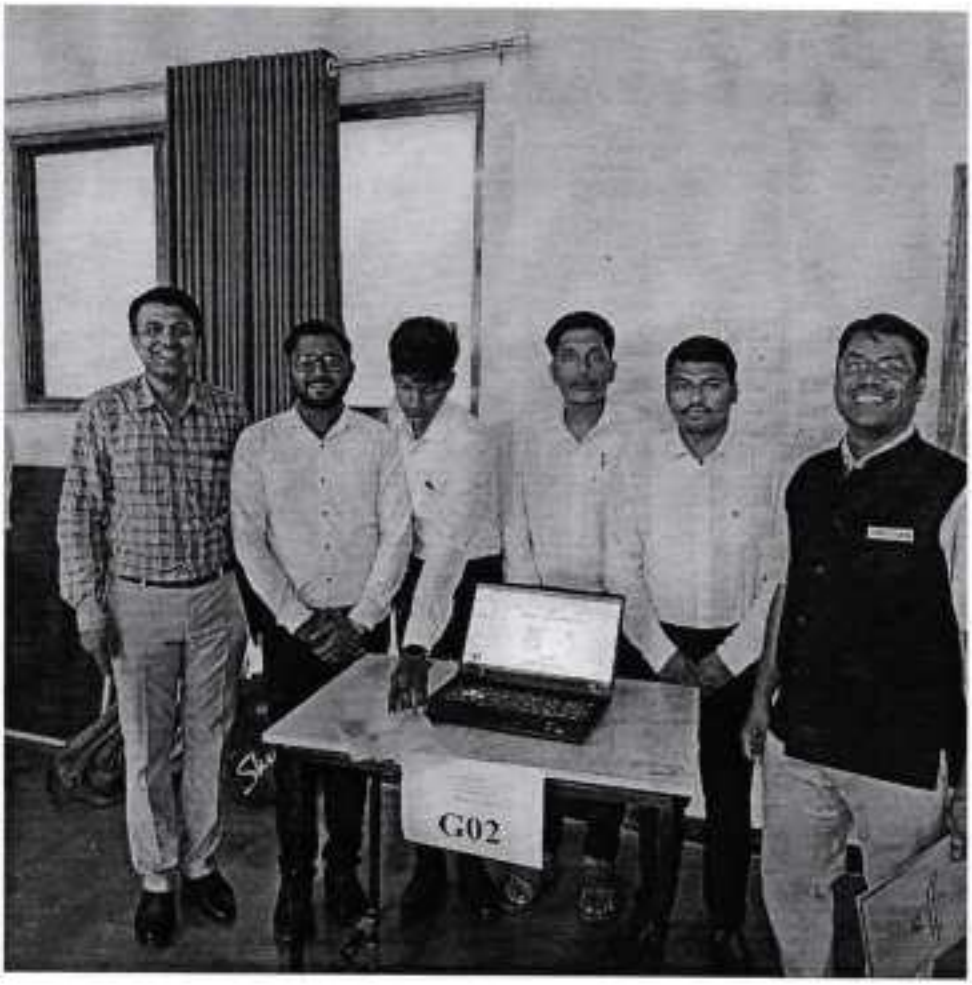
Mr. Suryawanshi V.L.

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

Department of Mechanical Engineering

Project presentation photos with students and panel



Project Coordinator

MECHANICAL ENGINEERING DEPARTMENT
SETI PANHALA

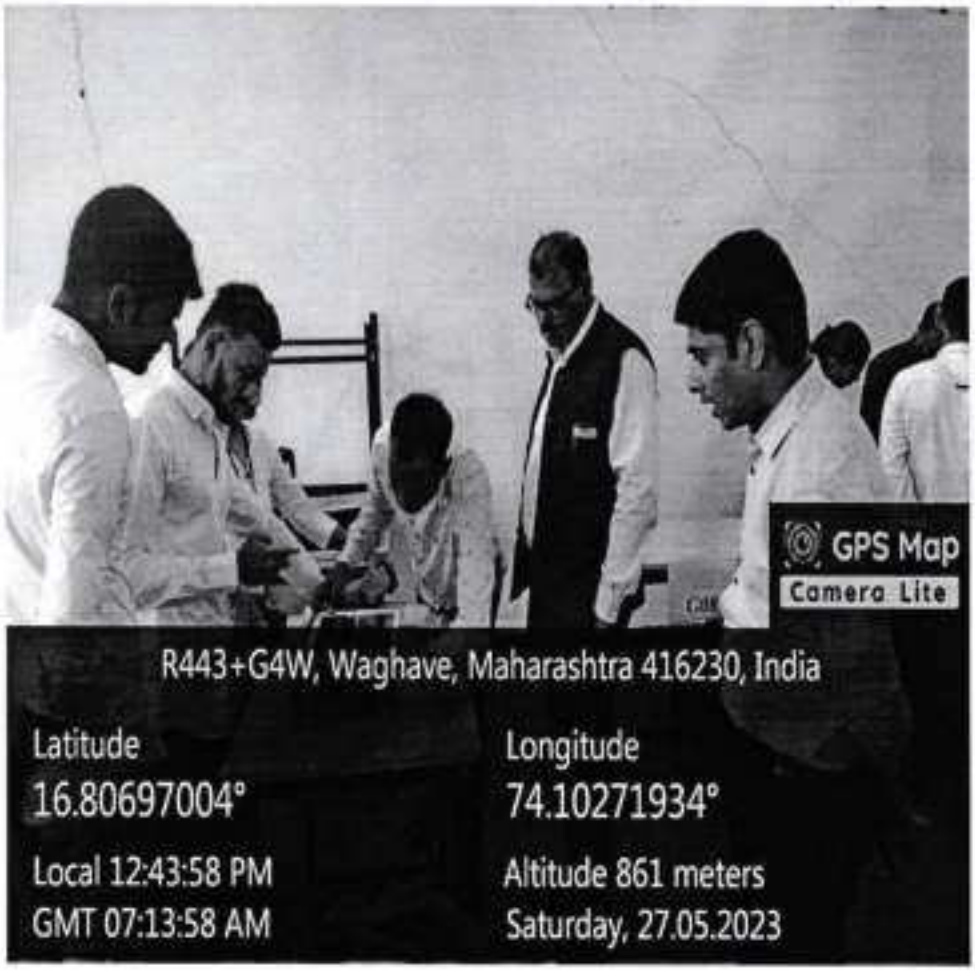
HOD Mechanical

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN
DN: CN=SANJEEVAN ENGINEERING &

HOD
Mechanical Engineering
Sanjeevan Engg. & Tech. Institute, Panhala

Department of Mechanical Engineering

Project presentation photos with students and panel



Project Coordinator

MECHANICAL ENGINEERING DEPARTMENT
SETI
PANHALA

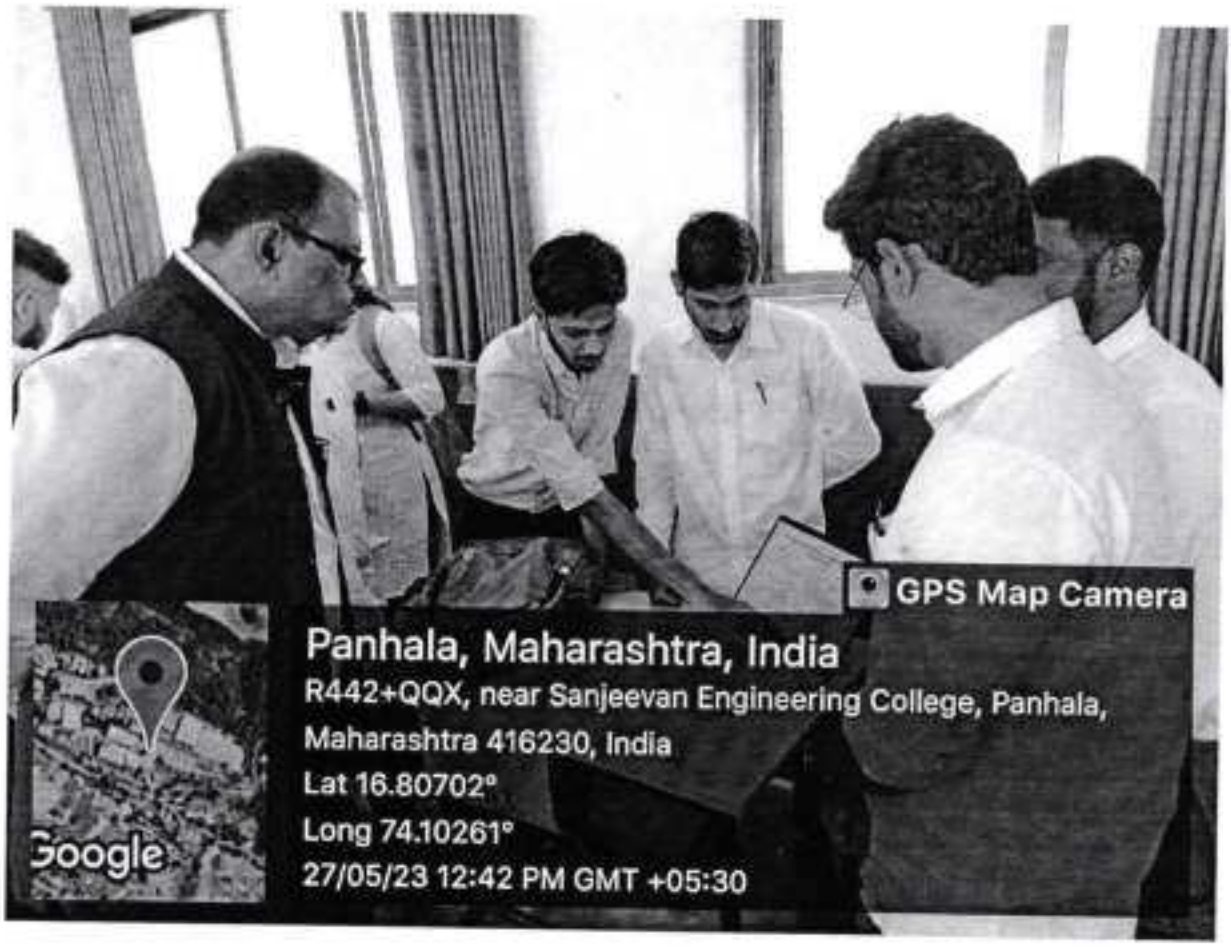
Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

HOD Mechanical

HOD

Department of Mechanical Engineering

Project presentation photos with students and panel



Project Coordinator

SETI PANHALA

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

HOD Mechanical

HOD

Department of Mechanical Engineering

Project presentation students Photos with model

Project Coordinator

MECHANICAL ENGINEERING DEPARTMENT
SETI PANHALA

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

HOD Mechanical

HOD
Mechanical Engineering

Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur
Pin- 416 201. (Maharashtra) Phone : 0231 - 2686600, 21 Fax : 0231 - 2686629
Approved By AICTE, New Delhi ▪ Recognized by Govt. of Maharashtra & DTE ▪ Affiliated to Dr. Babasaheb Ambedkar Technological University, Raigad (DBATU).
Website : www.seti.edu.in Email : principal@seti.edu.in / office@seti.edu.in

EN 6315

Department of Mechanical Engineering
ICT Tool Utilization Report

Academic Year: - 2022-23 **Semester:-** III
Name of Faculty:- Prof. S.B. Deshmukh
Subject:- Fluid Mechanics

Sr. No.	Date	ICT Tool Used	Content Delivered
01.	17/11/22	Smart Board	Flow visualisation
02.	22/11/22	Smart Board	Reynold's Experiment
03.	19/12/22	projector	Flow through pipes
04.	24/01/23	projector	Flow Net
05.	25/01/23	smart Board	working of centrifugal pump
06.	27/01/23	smart Board	working of Reciprocating pump
07.	30/01/23	smart Board	Characteristics of pumps.

Sign of Faculty

HOD
Mechanical Engineering
Sanjeevan Engg. & Tech. Institute, Panhala

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur
Pin- 416 201. (Maharashtra) Phone : 0231 - 2686600, 21 Fax : 0231 - 2686629
• Approved By AICTE, New Delhi • Recognized by Govt. of Maharashtra & DTE • Affiliated to Dr. Babasaheb Ambedkar Technological University, Raigad (DBATU).
Website : www.seti.edu.in Email : principal@seti.edu.in / office@seti.edu.in

EN 6315

Department of Mechanical Engineering
ICT Tool Utilization Report

Academic Year: - 2022 - 2023 **Semester:-** V
Name of Faculty:- Dr. Vinayak H. Deokar.
Subject:- Renewable Energy Source's.

Sr. No.	Date	ICT Tool Used	Content Delivered
01	7/11/22	Smart Board	Solar energy distribution. PPT & video showed.
02	9/11/22	Smart Board.	for showing Energy Conversion animation & it showed.
03	14/11/22	Smart Board.	for PV panel working animation of PV panel showed
04	20/10/22	LCD Projector	Video's regarding solar drying system.
05	22/10/22	Laptop. Smart Board.	for solar water heating system visualization video's showed.
06	29/11/22	Smart Board	Audit report PPT of solar power plant & video's.

Sign of Faculty

HOD
Mechanical Engineering
Sanjeevan Engg. & Tech. Institute

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur
Pin- 416 201. (Maharashtra) Phone : 0231 - 2686600, 21 Fax : 0231 - 2686629
■ Approved By AICTE, New Delhi ■ Recognized by Govt. of Maharashtra & DTE ■ Affiliated to Dr. Babasaheb Ambedkar Technological University, Raigad (DBATU).
Website : www.seti.edu.in Email : principal@seti.edu.in / office@seti.edu.in

EN 6315

Department of Mechanical Engineering
ICT Tool Utilization Report

Academic Year: - 2022 - 2023 **Semester:-** I
Name of Faculty:- Prof. Naik A.D.
Subject:- TOM - II

Sr. No.	Date	ICT Tool Used	Content Delivered
01	16/11/22	LCD Projector	Working of Flywheel
02	14/10/22	Smart Board	Load on gear tooths
03	02/11/22	LCD Projector.	Torque Transmission
04	04/11/22	Smart Board	Holding torque,
05	08/11	—//—	Types of Governor,
06	11/11	—//—	Isochronous & Hunting
07	18/11	—//—	Vibration.

Sign of Faculty

HOD
Mechanical Engineering
Sanjeevan Engg. & Tech. Institute Panhala

Tech. Inst. UInd Shift 6315 PANHALA

PRINCIPAL
Sanjeevan Engg. & Tech. Institute
Somwar Peth, Panhala - 416 201

Signature Not Verified
SANJEEV NATVAR JAIN
Digitally Signed By SANJEEV NATVAR JAIN, O=SANJEEVAN ENGINEERING &

DTE Code : EN6315

HOLY-WOOD ACADEMY'S
SANJEEVAN
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Department of Mechanical Engineering
ICT Tool Utilization Report

Academic Year: - 2022-23. **Semester:-** VI

Name of Faculty:- Prof. Deshmukh S.B.

Subject:- I.C. Engines.

Sr. No.	Date	ICT Tool Used	Content Delivered
01.	13/3/23	Smart Board	constructional Details of I.C. Engine
02.	21/03/23	Smart Board	Engine systems videos.
03.	26/04/23	LCD projector	E-vehicles
04.	10/05/23	Smart Board	Engine working videos.
05.	12/05/23	Smart Board	combustion Phenomenon
06.	23/05/23	LCD projector	Turbocharging
07.	26/05/23	LCD projector	Engine Modifications

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DTE Code : EN6315

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Department of Mechanical Engineering
ICT Tool Utilization Report

Academic Year: - 2022 - 2023 **Semester:-** VI

Name of Faculty:- Dr. Vinayak H. Deokar

Subject:- Machine Design II

Sr. No.	Date	ICT Tool Used	Content Delivered
01	28/3/23	Smart Board.	Bearing videos & classification.
02	4/4/23	LCD projector	Design data & bearing from manufacturer's catlog. PPT.
03	5/4/23	Laptop & Smart Board.	For solving the bearing load problem's. PPT used.
04	11/4/23	LCD projector	For classification of Gear's.
05	20/4/23	Smart Board	Video's regarding gear working.
06	25/4/23	Smart Board	Video's of gears. For cut section analysis of the helical gear's.
07	8/5/23	LCD projector.	Video's of worm wheel working & analysis.
08	22/5/23	Smart Board.	Data analysis book's PDF. and gear box design. PPT & video's

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Department of Mechanical Engineering
ICT Tool Utilization Report

Academic Year: - 2022-2023 **Semester:-** II

Name of Faculty:- Naik A.N.

Subject:- Robotics

Sr. No.	Date	ICT Tool Used	Content Delivered
01	15-03	LCD Projector	Robot Application Videos Motion conversion.
02	29-03	Smart Board	Manipulator Path & Robot Dynamics
03	27-04	—//—	Principles of gripping
04	13-03	Smart Board	Operations & Cycles of IC Engines.
05	02/05	LCD Projector	Gripper Selection & design
06	09/05	Smart Board	Teach Pendant Mode
07	11/05	—//—	AL, AML, RAIL languages.
08.	16/05	Smart Board	Artificial Intelligence for Robots

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2. Use of ICT tool for the student participation during lecture

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ICT Tool Usage by the faculty

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TY B. Tech Machine Design II test 27/5/2022

* Indicates required question

1.

Mark only one oval.

- Option 1

2. PRN Number *

3. Roll No *

4. Name Of Student (start with Surname) *

5. 1) Which of the following bearing is used in the fan....

1 point

Mark only one oval.

- Taper roller
- Needle
- Deep grove ball bearing
- Cylindrical roller bearing

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6. 2) A 100:1 speed reduction is possible with ..... 1 point

Mark only one oval.

- Spur gear
- Helical gear
- Warm and warm wheel
- Bevel gear

7. 3) Select the bearing number to mount on 25 mm diameter shaft size 6315 1 point

Mark only one oval.

- 6315
- 6317
- 6320
- None Of The Above

8. 4) The teeth of gear are parallel to axis in which type of the gear 1 point

Mark only one oval.

- Spur gear
- Helical gear
- Warm and warm wheel
- Bevel gear

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9. 5) For quietness in operation which type of gear is preferred 1 point

Mark only one oval.

- Spur gear
- Helical gear
- Warm and warm wheel
- Bevel gear

10. 6) The material of rolling contact bearing is generally 1 point

Mark only one oval.

- Babbitt
- Steel
- M.S
- Phosphor Bronze

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SY Mechanical Test 27/01/2022

* Indicates required question

1. Email id

2. Roll no *

3. PRN Number *

4. 1. True error is defined as

Mark only one oval.

- Present Approximation – Previous Approximation
- True value – Approximate value
- ABS (True value – Approximate value)
- ABS (Present approximation – previous approximation)

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5. 2. Error is the uncertainty in the measurement

Mark only one oval.

- True
- False
- True or False
- None

6. 3. The Newton- Raphson method fails when

Mark only one oval.

- F'(x) is negative
- F'(x) is too larg
- Never fails
- F'(x) is 0

7. 4. Cramer's rule fails for condition

Mark only one oval.

- Determinant = 0
- Determinant is < 0
- Determinant is > 0
- Determinant = non real

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8. 5. Machine epsilon depends on

Mark only one oval.

- Base β
- None of digit k
- Both β and k
- None of these

9. 6. In Numerical method ..... is required

Mark only one oval.

- Accuracy
- Precision
- Both of accuracy and precision
- Any one of the accuracy and precision

10. 7. In partial pivoting which of the following transformation are used

Mark only one oval.

- Diagonal transformation
- Column transformation
- Square transformation
- Row transformation

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11. 8. In partial pivoting augmented matrix is reduced to .....

Mark only one oval.

- Upper triangular form
- Lower triangular form
- Identity form
- None

12. 9. Measurement which is close to the true value is

Mark only one oval.

- Accurate
- Average
- Presize
- Error

13. 10. Round of the number of four significant digits : 865.250

Mark only one oval.

- 865.2
- 865.3
- 865.25
- None

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14. 11. Solve using gauss elimination and find the values of x, y and z 3x - 0.1y - 0.2z = 7.85, 0.1x + 7y- 0.3z=-19.3, 0.3x - 0.2y + 10z = 71.4

Mark only one oval.

- x = 3.93, y = -3.94, z = 7
- x = - 3.93, y = 3.94, z = - 7
- x = 3.83, y = 3.72, z = 8
- x = 2.85, y = 2.86, z = -6

15. 12. find the root correct up to 3 decimal places using bisection method (e^-x) – x = 0

Mark only one oval.

- 0.580
- 0.567
- 0.570
- 0.592

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3/6/21 (2 Lectures).

29 Prasad Thorat (You)
VINAYAK DEOKAR
Meeting host
02 Patil Parth
08.Vyankatesh Patil
09 kalegaonkar Sarvesh S
10. Aadkuriech Gholap
11 D. S. Valvekar
13.RiteshKumar Patil
17 Anilkar Zambade
18.Vaibhav Dhawkar
21 Manoj yadav
23 Nikesh Kadam
26.Reynode Aditya
28 Prutikcha Kadam Patil
30 Patil Pulkesh Dilip
34 BORKAR PRATHAMESH
36 R.A.Motorwadkar
37 Saquib Nadar
41 Saurabh Dile
47 Krishna Pandit Khanapur...
7 Prajwal Jadhav
rohit yadav
Suraj Patil
vinayak patil

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06/6/21

08/6/21.

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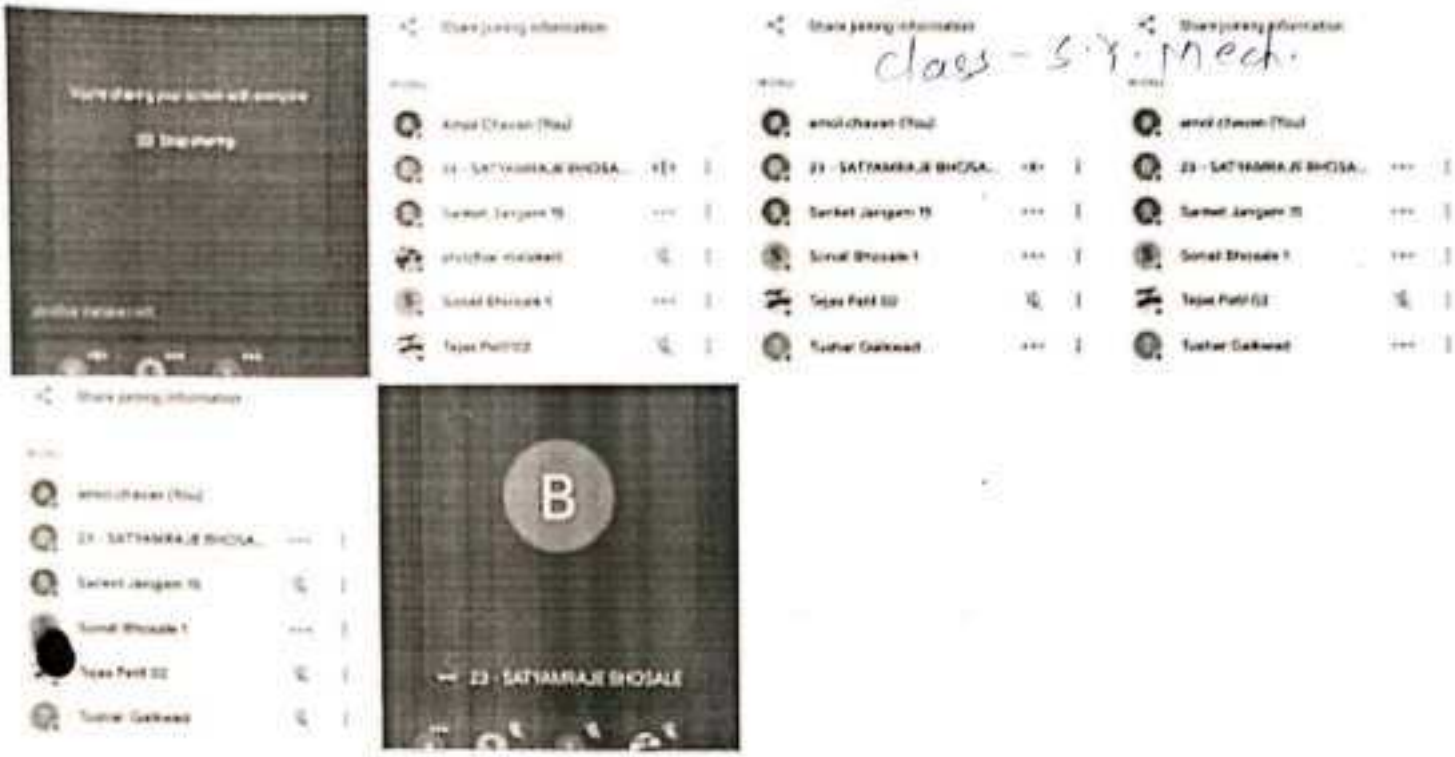
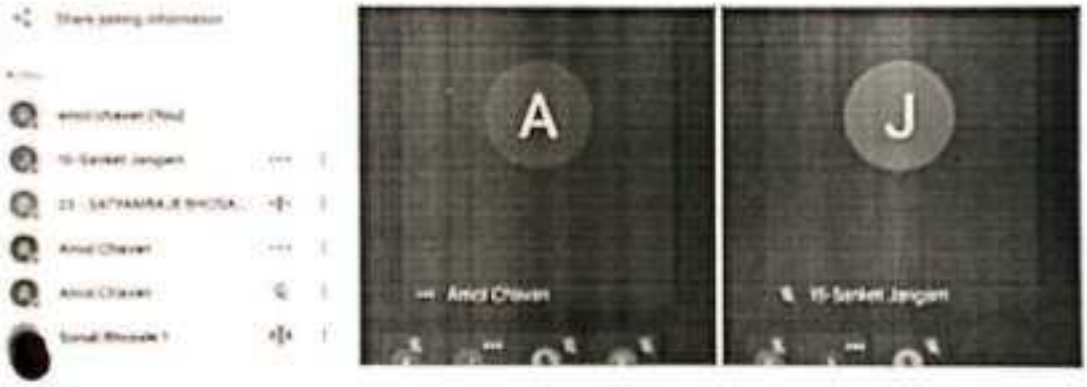
10 May, 2021 Meet

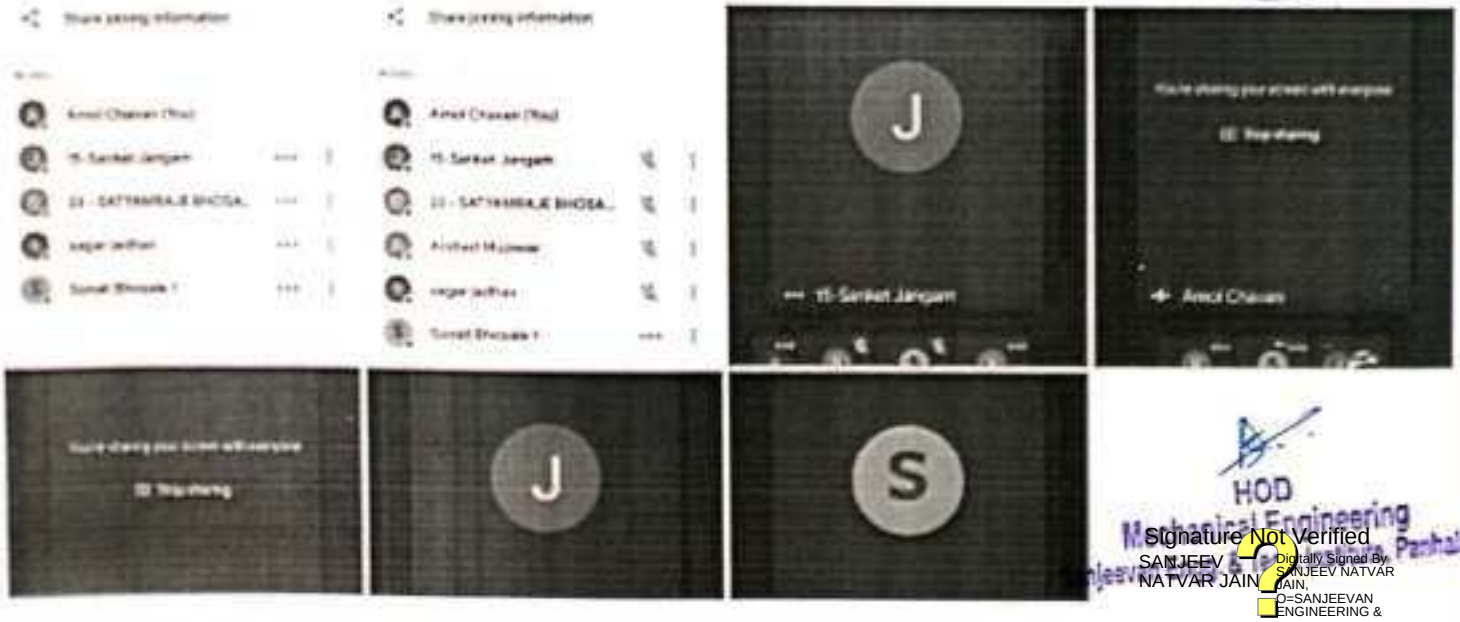
Prof. A. B. Chavan.
Sub - SOM
Class - S.Y. Mech.



6 May, 2021 Meet



1 May, 2021 Meet



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19 May, 2021 | Meet

18 May, 2021 | Meet

13 May, 2021 | Chrome

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11 May, 2021 | Meet, DigiLocker

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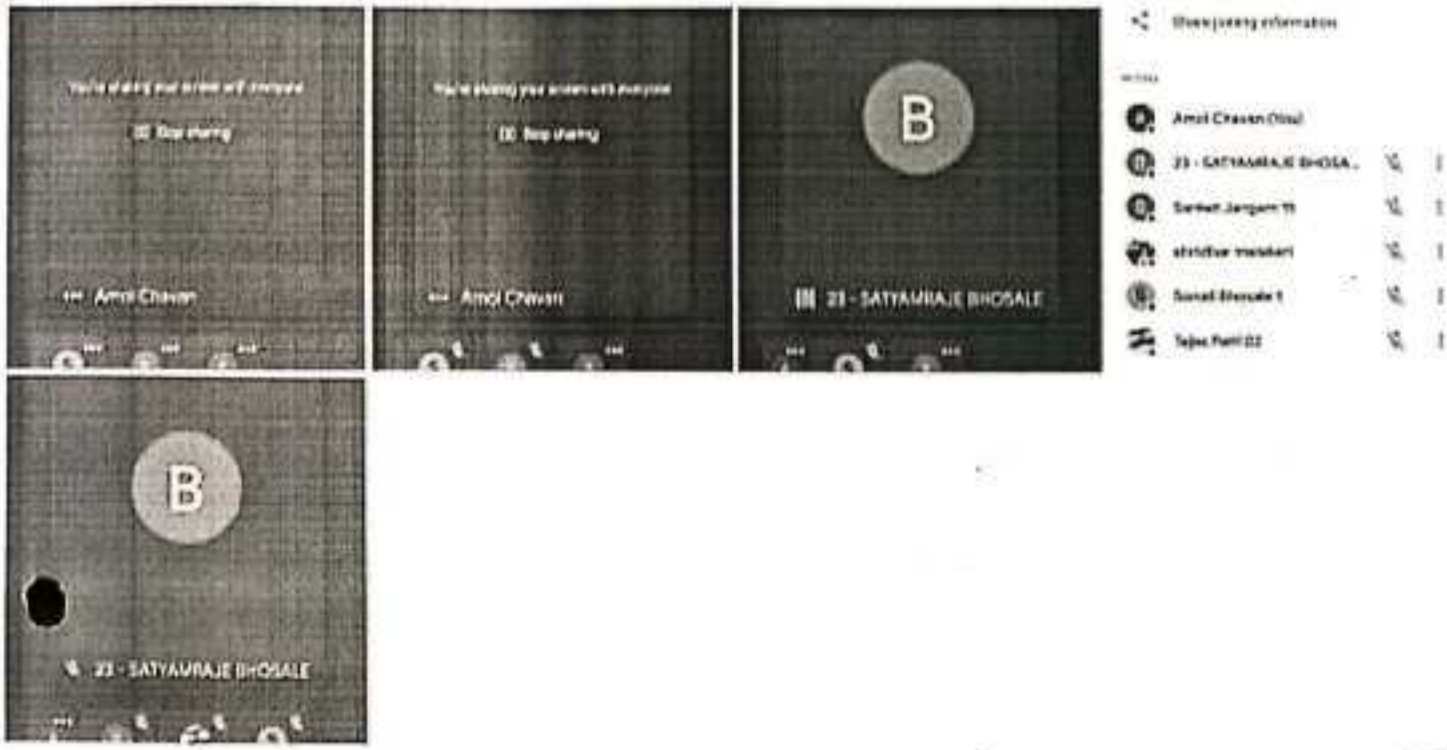
22 May, 2021 Meet



21 May, 2021 Meet

20 May, 2021 Meet

19 May, 2021 Meet

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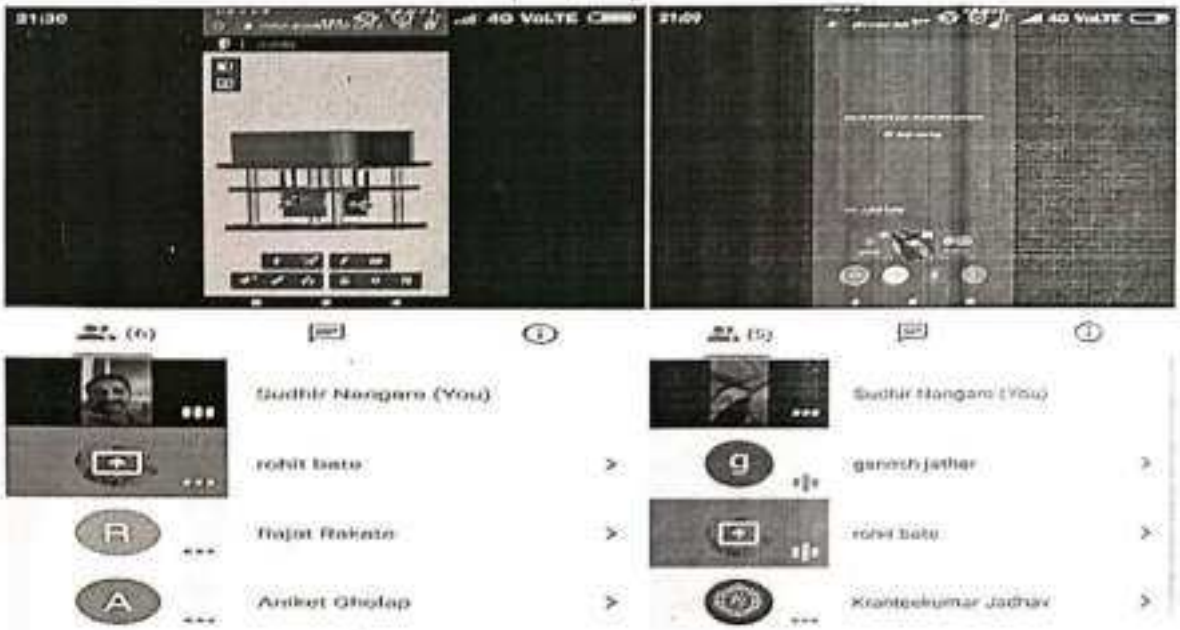
Prof. S. P. Nangare BTECH2020-21

Sub: Non-Conventional Energy Resources

12/04/21



15/04/21 20/4/21 26/4/21

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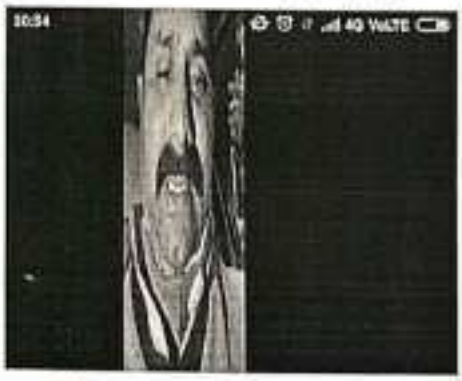
27/4/21



7/5/21

10/05/21

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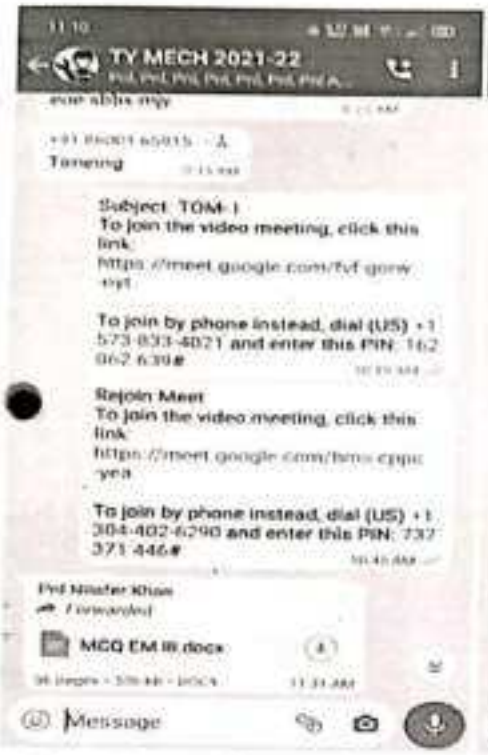
Theory of Machine-I (S.Y. Mech. SEM-IV) (Conducted Online Lectures) (Asst. Prof. V. D. Thorat)

Lecture No. 1 to 13 are conducted in class (Offline) & Lecture No. 14 to 45 are conducted in online on Google meet. The online lecture details are given below. (From 06 April 2021 to 11 June 2021)



07/04/2021

08/04/2021

09/04/2021

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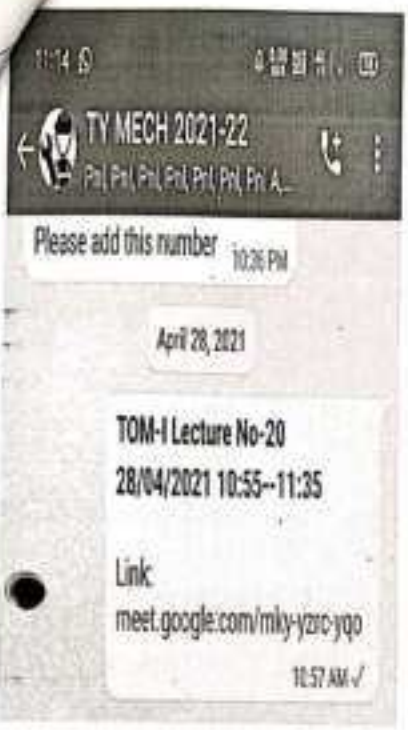

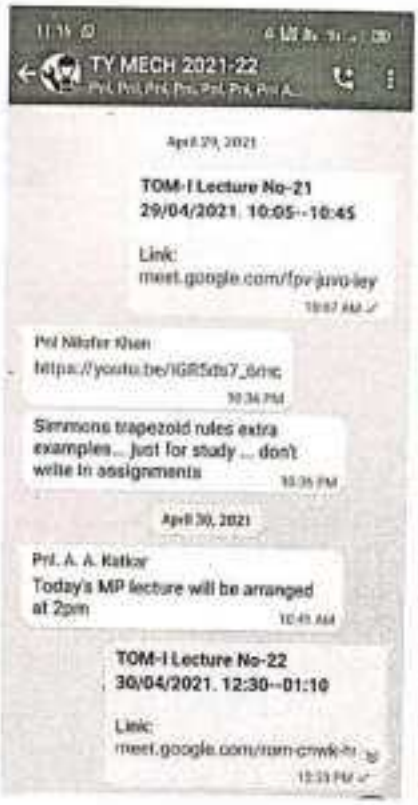

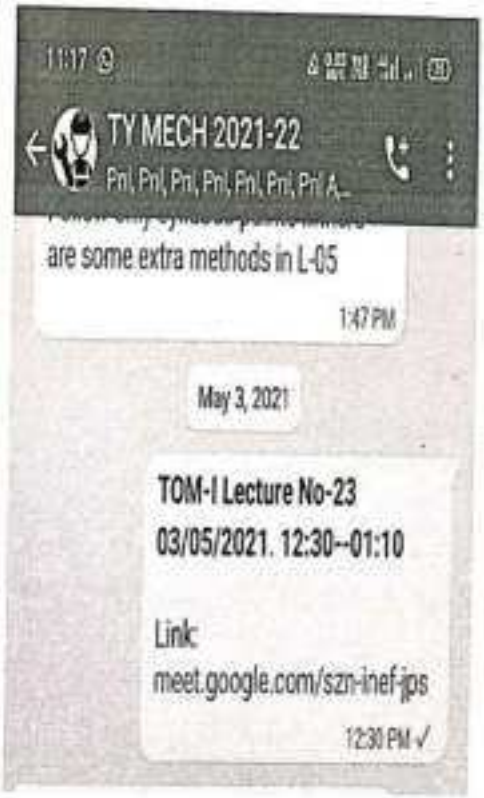

28/04/21

29/04/2021

30/04/2021

03/05/2021

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List of faculties using ICT - Google classrrom

Name of faculty	Department	Subject	Google Classroom link
Nasrin G khan	Basic science & Humanities	Engineering Mathematics 1 first yr	https://classroom.google.com/c/MjY0MTE0MjU5NzA0?cjc=p5qkblf
Nasrin G khan	Basic science & Humanities	Engineering Mathematics 1 first yr	https://classroom.google.com/c/NDMxOTkxMTgyMzA4?cjc=yvprocx
Nasrin G khan	Basic science & Humanities	Engineering Mathematics 2 23 24 div A	https://classroom.google.com/c/NjU4NjM1MjYwNTAx?cjc=k3i7ns5
Nasrin G khan	Basic science & Humanities	Engineering Mathematics 2 23 24 div B	https://classroom.google.com/c/NjU4NjM0OTAwODk3?cjc=d6taebc
Nilofer G khan	Basic science & Humanities	Engineerinh Mathematics 1	https://classroom.google.com/c/MTA1NTkxMzY2NjEy?cjc=bbp6b4q
Nilofer G khan	Basic science & Humanities	Engineerinh Mathematics 3	https://classroom.google.com/c/NTkyNDEzMDU3MjMy?cjc=thrj7b4
Nilofer G khan	Basic science & Humanities	Engineerinh Mathematics 3	https://classroom.google.com/c/MTA1NTQyNjM2NjE0?cjc=tmivdov
Sudhir P Nangare	Basic science & Humanities	Energy and Environment Engineering	https://classroom.google.com/c/NjQ3MDY3MTQxNDgy?cjc=cee3xj5
Prof.P.D.Patil	Computer science & Engineering	B.E I& II (Subject WT - II A.Y 2019-2020	https://classroom.google.com/c/MTA1NTY5NTk1OTg0?cjc=nwo7jow
Prof.P.D.Patil	Computer science & Engineering	TY(OOAD-A.Y.2019-20)	https://classroom.google.com/c/MTA1NTgwMDQzMzEz?cjc=zyqpece
Prof.P.D.Patil	Computer science & Engineering	Final Year B.Tech : Project phase -I(AY-2020-2021)	https://classroom.google.com/c/MzY1OTYyNDY5MDIz?cjc=cn2wvq4
Prof.P.D.Patil	Computer science & Engineering	S.Y.B.Tech (R Programming AY-2020-2021)	https://padlet.com/sampalpatilbabar/introduction-to-data-science-with-r-655tk3gb44afb4cj

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Prof.P.D.Patil	Computer science & Engineering	Final Year (Full Stack Development A.Y. 2020-2021)	https://classroom.google.com/c/MjIzODg0MzY2MDU1?cjc=lrbzk6b
Prof.P.D.Patil	Computer science & Engineering	Introduction to research (A.Y 2020-21)	https://padlet.com/sampalpatilbabar/introduction-to-research-qogno7iqt38u46bw
Prof.P.D.Patil	Computer science & Engineering	OOAD(A.Y 2020-21)	https://padlet.com/sampalpatilbabar/ooad-1bq8fmlus5szfhdh
Prof.P.D.Patil	Computer science & Engineering	Database Systems (A.Y.21-22)	https://padlet.com/sampalpatilbabar/database-systems-aapbnhvm36avjru
Prof.P.D.Patil	Computer science & Engineering	Computer Graphics (A.Y. 22-23)	https://padlet.com/sampalpatilbabar/computer-graphics-2022-23-jtagig2zhfzlhzhn
Prof.P.D.Patil	Computer science & Engineering	Seminar-II (A.Y.(22-23)	https://padlet.com/sampalpatilbabar/seminar-ii-fb9cd1j96343rpl
Prof.P.D.Patil	Computer science & Engineering	IoT (A.Y.(22-23)	https://padlet.com/sampalpatilbabar/iot-internet-of-things-5tyual4wmojb5a5h
Prof.P.D.Patil	Computer science & Engineering	Computer Graphics - 2022-23	https://padlet.com/sampalpatilbabar/computer-graphics-2022-23-jtagig2zhfzlhzhn
Prof.P.D.Patil	Computer science & Engineering	Database Systems(A.Y. 23-24)	https://padlet.com/sampalpatilbabar/database-systems-wl9q1f77p3m9qvb0
Prof.P.D.Patil	Computer science & Engineering	Big Data Analytics (A.Y. 23-24)	https://padlet.com/sampalpatilbabar/big-data-analytics-may3q14vzr75b24d
prof. Amit C.Thoke	civil engineering	DCS-II	https://classroom.google.com/c/NTA0NDc3MDY3NDU2?cjc=kgtm5zn
prof. Amit C.Thoke	civil engineering	WRE	https://classroom.google.com/c/NTA0NDc3NjU3NDQ1?cjc=q4r2g4s
Prof.E.P.Salokhe	civil engineering	Surveying	https://classroom.google.com/c/NTg4NDM0NzY0NDk5/p/NTEzMTUxMDg5NDUx/details
Prof.E.P.Salokhe	civil engineering	Infrastructure Engineering	https://classroom.google.com/c/NTY5OTc2Nzg1NTE5/p/NTg4NDM0MjMwMDc0/details
Prof. S. S. Chavan	Civil Engineering	BTCVOE706D Introduction to Earthquake Engineering	https://classroom.google.com/c/NTA0NTQ3MzY0MzEy?cjc=6xlqum2
Prof. S. S. Chavan	Civil Engineering	BTCVC403 Structural Mechanics	https://classroom.google.com/c/NjYxNjMwNjQ3ODU4?cjc=y7pkcpr
Prof. S. S. Chavan	Civil Engineering	BTCVC401 Building Planning and Drawing	https://classroom.google.com/c/NjY0ODI2MTY0Njk1?cjc=ns4rjrl
Prof. J. S. Mevekari	Civil Engineering	TY Foundation engineering	https://classroom.google.com/c/Njc4MzAzMzE1NDQ1?cjc=uubsrla

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Prof. J. S. Mevekari	Civil Engineering	B. Tech MRCS	https://classroom.google.com/c/NjQ0MDkwMTU4NDk1?cjc=ar6ebfp
Prof. J. S. Mevekari	Civil Engineering	TY Design of Steel Structure	https://classroom.google.com/c/NTA0NTU4NzI2NjI4?cjc=fzxzx3p
Prof. J. S. Mevekari	Civil Engineering	FY Basic Civil Engineering	https://classroom.google.com/c/NTE2MTc1NTYzMTIx?cjc=mwlns5v
Prof.R.S.Bore	Civil Engineering	Geotechnical engineering	https://classroom.google.com/c/NjUwMzU0MjI2MDY4?cjc=3wryzmg
Prof.R.S.Bore	Civil engineering	Mechanics of solid	https://classroom.google.com/c/NjUwMzU0MjI2MDQ1?cjc=3x2zugm
Mr. V. D. Thorat	Mechanical engineering	Manufacturing Process -II	https://classroom.google.com/c/NjU5OTQzNzc0Mjc5?cjc=ngfmjtc
Mr S P Nangare	Mechanical engineering	Thermodynamics	https://classroom.google.com/c/NjI3OTg3OTkyOTM5?cjc=xjskpdf
Mr. P. S. Atigre	Mechanical engineering	Basic Human Rights	https://classroom.google.com/c/NjI4OTAxODI4MTk2/m/NjI4OTAxNjY1Mzc5/details
Mr. R. U. Urunkar	Mechanical engineering	Strength of Materials	https://classroom.google.com/c/NjQ4MzE0MTgyNzIw
Mr. S. B. Deshmukh	Mechanical engineering	Funadmentals of Automotive system	https://classroom.google.com/c/NjUyMTQzMzg0NzYz/a/NjcwMjk2Mzg1MTg4/details
Dr. V. H. Deokar	Mechanical engineering	Machine Design II	https://classroom.google.com/c/NjYxNjMxMzgxMDA5?cjc=vbswkhk
Mr.A.N.Naik	Mechanical engineering	Manufacturing Process -I	https://classroom.google.com/c/NjYyMTQ4ODQyMTI4?cjc=7ad4llh
Dr. Ajit Katkar	Mechanical engineering	Energy conservation and Management	https://classroom.google.com/c/NjYyMTUxMzM0Mjgx

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Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur
Pin- 416 201. (Maharashtra) Phone : 0231 - 2686600, 21 Fax : 0231 - 2686629
Approved By AICTE, New Delhi ▪ Recognized by Govt. of Maharashtra & DTE ▪ Affiliated to Dr. Babasaheb Ambedkar Technological University, Raigad (DBATU).
Website : www.seti.edu.in Email : principal@seti.edu.in / office@seti.edu.in
EN 6315

DepartmentofBasicSciences&Humanities

REPORT

WelcomeFunctionandStudent InductionProgramme

(A.Y 2022-23)

Venue: SirVishveshwaraiah(Drawing)Hall,S.E.T.IPanhala
Date:14.11.2022to18.11.2022

IIPCProgrammeCo-ordinator:H.O.D(BS&H),Nishant B Tharkar&Prof.AshokB.Kolekar

OrganizingCommitteeMembers: Dr.VishalPatil,Dr.SachinPotdar,Prof.NiloferKhan,Prof.NasrinKhan,Mrs.AnkitaKulkarni,ShindeMr.SangramChopade,Mr.Vinod S Solapure.

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ABOUTINSTITUTE

SANJEEVANENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA(SETI)isanestablishment ofSanjeevan, meetstheneeds of technology driven modern 21st Century. The Institute is approved by All IndiaCouncil for Technical Education, NewDelhi, recognized by Directorate of Technical Education, Govt. of Maharashtra and affiliated to Shivaji University, Kolhapur &AffilatedtoBabasahebAmbedkarTechnologicalUniversity,LonereforFirstYear2017-18B.Tch/M.Tech.SanjeevanEngineering&TechnologyInstitute(SETI)islongcherisheddreamofFounder-ChairmanMr.P.R.BHOSALE,anEducationalist

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havingexperienceabouttwodecades.Hisaimistoimpartqualityeducationtothestudentsfromnookandcorneroftheccountry.No doubt,SanjeevanEngineerswillbethebestprofessionalswithaddedvaluesofIndianHeritage.

The historic land of Panhala has conferred the selfless Shiv-trend in the spontaneous form to its guard rooted deeply in itssoil. The same selfless Shiv-trend inspired a few teachers and dreamt of an educational institution for the innocent birdies of thesociety. Eventually, the inception came into existence in the infrastructure of Panhala at the hill station Shivsakha-Ambarkhana,underthenameofHoly-woodAcademy,KolhapurepitomizedasSanjeevan.ThepiousdayofitsinceptionwasonAugust21,1992byamanofforesightedness,thoughtfulnessandunprecedentedcourageHon.Mr. P.R.Bhosale.

TheHoly-WoodAcademyhasbeenefficientlymanagingnumberofeducationalinstitutesunderthebannerof Holy-WoodAcademyaslistedbelow.

1. SanjeevanPublicSchool-CBSE(YearofEst.:1994)
2. SanjeevanVidyaniketan(MarathiandSemiEnglishmedium)(YearofEst.:1997)
3. ChatrapatiShivajiJuniorCollege(YearofEst.:2001-2002)
4. SanjeevanVidyalaya(YearofEst.:1994)
5. (YearofEst.:2009)

Theinstitutestarteditsjourneywithfourundergraduateprograms,viz.CivilEngineering,ComputerScience&Engineering, Electronics & Tele-communication Engineering and Mechanical Engineering with an intake of 240. Now it offers sixundergraduate programs with an intake capacity of 360 at First year and 60 at Direct Second year in Mechanical Engineering. Inaddition,instituteofferstwoPostGraduateprogramswithanintakecapacityof18inMechanicalDesignEngineeringandElectronics & Tele-communication Engineering Institute has a total strength of 87 highly qualified and motivated faculties withadequateinfrastructureasperAICTE.

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This report provides an overview and evaluation of the one-week induction program conducted for all first year B. Tech undergraduate engineering students at SanjeevanEnginnering and Technology Institute Panhala. The purpose of this induction program was to ensure that new engineering students have a smooth transition into their academic journey, familiarize them with the Dr. BabasahebAmbedkarTchnological UniversityLonere's policies and resources, and foster a sense of belonging within the engineering community.

OBJECTIVEOFINDUCTION

The objectives of the programme is to make the students feel comfortable in their new environment, open them up, set ahealthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity andunderstandingoftheself,peoplearoundthem,societyatlarge,andnature.ThetimeduringtheInductionPrograms alsousedto rectify some critical lacunas and sensitize them towards exploring their academic interest and activities, reducing competitionandmaking them workfor excellence,buildrelationsbetweenteachersand studentsandoverall personalitydevelopment.*SanjeevanEngineeringandtechnologyInstitute,Panhala(S.E.T.I)* hasorganized oneweekinductionprogrammewith anobjective to provide ample of time and a platform for the transition of students from junior collegeto the hard-core engineering.Aninductionprogrammeisaharbingerofvariousin-campus&off-campusactivitiesspeciallydesignedforentrantstofillthegap.

Thefollowingmajoractivitiesundertheinductionprogrammeinwhichthestudentswerefullyengagedthroughoutthedayfortheentiredurationofprogramme,thisincludes:

1. **Physical activity:** Thisinvolves a dailyroutineof physical activity with games and sportsincluding yoga which helpsthemtodevelopteamspirit.

2. **Creativearts:**Everystudentchoosesoneskillrelatedtotheartswhethervisualartsofperformingartsexamplearepainting,dancingstreetplay,musicetc.

3. **Universalhumanvalues:**Itgetsthestudenttoexploreonselfandallowsonetoexperiencethejoyoflearningstanduptopeerpressure, takedecisionswith courageetc.

4. **Literary:**Literaryactivitiesencompassreading,writing,debatingandenacting.

5. **LecturesbyEminentPeople:**Thisperiodwasutilizedforlecturesbyeminentpeopleitgavethestudentsexposuretopeoplewhoaresocially activeorareinpublicdomain.

6. **Visitstolocalarea:**Thisfamiliarizedthemwiththearea,aswellas,exposesthemtotheouterworld

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SANJEEVANENGINEERING&TECHNOLOGYINSTITUTE,PANHALA

DepartmentofBasicSciences&Humanities

STUDENTINDUCTIONPROGRAMME-2022-23

B.Tech-FirstYear ACADEMICYEAR:2022-23 14thNovember-18thNovember2022 ONEWEEK

Day /Time	1 10:15-11:30	2 11:30-1:00	3 12:15-12:30	4 12:30-1:30	5 1:30-2:00	6 2:00-4:00
Monday 14/11/22	Registration of Student and Refreshment	Inauguration	Short Break	Interaction with parents (HOD,VP,Principal, Alumini)	Long Break	Mentor-Mentee Interaction
Tuesday 15/11/22	Dr.DayanandDeomore (Manifestations for Engineers)	Department Visit (A-Civl.B- CSE C-EE D- ME)		Group Discussion (Group Formation And Introduction)		Creative Arts
Wednesday 16/11/22	Mr.Sangram Power (Idea metrics)	Department Visit (A-ME .B- Civl C-CSE D- EE)		Literary Event Book		Creative Arts
Thursday 17/11/22	Sahaj Yoga	Department Visit (A-EE .B- ME C-Civil D- CSE)		Group Discussion/Debate		Creative Arts
Friday 18/11/22	Mr. SandipPatil (Robotics & Automation)	Department Visit (A-CSE .B- EE C-ME D- Civil)		English Proficiency Module		Presentation by Groups

TheIIPCCoordinator **H.O.D** **Principal**

Prof.Ashok B.Kolekar Prof.Nishant B.Thorat Dr. SajeevN.Jain

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RATIONALE BEHINDTHEPROGRAMME

Consideringalongbreaksincethemonthof November,inductionprogrammehasbeenprovedto beafunminglededucationalactivityofadaptingmotivationandrecoursetotheirprocrastinatededucational goals.Theinteractionwiththeinductionprogrammeequippedentrantsnotonlywiththeboostto theireducational pursuitsbutalso withthework-culture,industrialexposure,socialexperiences, andvariousinstitutionalactivities.

- ✓ Tobuildstrongrelationshipswithfaculty,advisersandpeers
- ✓ Tofocusonethicalbehaviorandmoralfortitude
- ✓ Tonurtureadeeperunderstandingofthelocal andglobal worldandourplaceatasconcernedcitizensoftheworld
- ✓ Toprovideadequatefoundationinthecoreappliedscience subjectsandenglishlimitedtomoderatelevel

INAUGURALFUNCTION

The Induction Programme began with registration followed by orientation programme on 14 thNovember 2022. The students withtheir great enthusiasm reported and registered themselves at the college. Orientation programme aimed to enhance students'familiarity with the faculties, *Sanjeevan (S.E.T.I*) Campus, its facilities and a plethora of cultural activities of the institution. With afresh exposure of the induction programme, the students were exposed to the milieu of the institution with zeal and enthusiasm.Likewise every year, the induction programme was decided to be delivered on three major phases i.e. *Welcome Phase, TrainingPhase, and Concluding Phase*. To make the studentsfeel comfortable in new environment, openthem up, set a healthydailyroutine,createbondinginthebatchaswellasbetweenfacultyandstudents,developawareness,sensitivityandunderstanding oftheself&society.

The committee members decided to involve expert lectures on various sub-themes including Universal Human Values,Proficiency Modules, Lectures by Eminent Personalities, Motivational Talks, and Visit to all Departments.

As the studentintake is large in numbers it was collectively decided by the committee that the whole group of students were split into variousbatches with a mentor to each batch. The college committee for Inductionprogramme invited expertsfrom different institutionstointeractwiththenewentrantsandbriefthelearnerswiththeirexpertiseinvariousfields.Alongwithexperttalksthestudents.

(Chairman-Hon.Shri.P.R.Bhosale,JointSecretary-Hon.Shri.N.R.Bhosale,Principal.Dr.Sanjeev Jain,Vice Principal Dr. SuhasSapate,Prof. NishantTharkar(I_01,BS&H), SIPCellCo-ordinator-Prof.AshokB.Kolekar,AllFirstYearStaff&HoDs_ofvariousDepartments)

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WELCOME PHASE

TomarkthebeginningoftheacademicyeaR2022-23andInductionProgrammeforB.TechFirstYearstudents,Honble.Shri.PrakashBhosale, theChairman, inaugurated the programmealong withJoint Secretary-Hon.Shri.N.R.Bhosale, Principal.Dr.Sanjeev Jain, HonblChairmanemphasizedtheimportanceofcorevaluesi.e.dedication,discipline.Healsoemphasizedtheimportanceoftranscendingtheknowledgeofengineeringintoapplicationforthebettermentofthesociety.Havinggiventhewarmwelcometothestudents,heappealedthestudentstoutilizemaximumresourcesatthemostoftheircapacityforacademicenhancement.TheinaugurationfunctionendedupwiththevoteofthanksbyDr.VishalPatil ,which was followedbyscheduledexpert talks.

LECTURESBY EMINENTPERSONALITIES

The committee unanimously decided to have experts from different section of the society which included professionals, corporate traineManagers of active firms of the society. The sessions were quite interactive that proved to provide a visualization to distinguish PersonProfessional, Academic and social life with ease and a clear picture of self, the vitality of Human Values and communication in general. Tlearners felt motivated to get acquainted in the color of engineering college and more significantly they gave emphasis to attach valuesprofessionalandindividuallife.Followingisthelistofexperts and their topics.

Day 2RavikantVemparla (Senior Engineer at Google) On Engineering Work Profile and Aptitude

In conclusion, a career in engineering within a multinational corporation can be incredibly fulfilling and offer exciting opportunities. However, it also demands a commitment to technical excellence, problem-solving, teamwork, adaptability, and a global perspective. As aspiring engineers, we should embrace these qualities and continuously strive to enhance our skills and knowledge to thrive in the dynamic world of MNC engineering.

Day 3 Dr.DayanadNamdevDeomoreOn Concept of EFT Emotional Freedom Technique

The concept of EFT, or Emotional Freedom Technique, is a valuable tool that can help us manage our emotions and improve our overall well-being. As students, we face a multitude of challenges, and EFT offers a practical and accessible way to address these challenges head-on. I encourage each of you to explore EFT, learn its techniques, and see how it can positively impact your life. It's a skill that can serve you not only during your time as a student but throughout your entire life.

Day 4 Sahaj Yoga

(InternationalYogaTrainer--Prof.SanjayHakkeConductingOnlineYogaSessionforFirstyear Students)

Day 5 Mr. SuryakantRajaramDodmise SirOn Enterpunureship and Incubation

Entrepreneurship and incubation programs offer engineering students a unique pathway to make a meaningful impact on the world. It's a journey filled with challenges and rewards, and it allows us to leverage our engineering skills to create innovative solutions and drive positive change. So, let's embrace the spirit of entrepreneurship, nurture our ideas, and work together to build a brighter future for ourselves and society as a whole.

FamiliarizationtoRespectiveDepartments&Institute

(Mentor-MenteeGroups-IntroductionwithinGroup)

Dr. SachinPotdar is introducing Physic Lab to new entrants.

Prof. Ashok Kolekar is introducing Language Lab to new entrants

Prof. AnnpuranSaboji is introducing Chemistry Lab to new entrants

Mr. Vijay Patil is introducing Workshop to new entrants.

OUTCOMES OFTHEPROGRAMME

Entrantswereabletodisplayconfidenceandsuccessfultransitionintoanewacademicenvironment.
Entrantswereabletoutilizeprimaryresourcesandfacilitiesoftheinstitute.
Entrantswereabletoestablishpositiveacquaintancewiththeirpeers,faculties,andinstituteaswhole.
Entrantswereabletoattachmoralvaluesandbehaviorswiththepracticesoftheinstitutionalactivities.
Self-analysisandintrospectionwaspositivelybridgedfortheiracademicneeds.
Entrantswereabletogetconvincedtostructuredandcollaborativelearningplatform.
Entrantswereabletoprojectexemplaryperformanceinactivitiesdesignedduringinductionprogramme

CONCLUSION

The one-week Undergraduate Engineering Student's Induction Program at Sanjeevan Engineering and Technology Institute Panhalaserves as a crucial foundation for the academic and personal development of new engineering students. It ensures that they are well-prepared to embark on their engineering journey, equipped with essential information, skills, and a strong sense of belonging within the engineering community.This report has provided an overview of the key elements of the induction program, and the university remains committed to continually enhancing the program to offer the best possible experience for its engineering students.

WiththecooperationofthestudentsandthefacultymemberstheInductionprogrammewasabletorecordthefeedbacksofthestudentsinExperttalkand othersessions.ThetotalinvolvementofdeputedFacultiesactivelyengrossedinvariousresponsibilitiesofinductionprogramme.Thatfacilitatedtomot ivatetheentrantstostirlikeasugarinwaterofinstitutionalactivities.Studentsaremadeawareaboutmultidisciplinaryareasandtheirdevelopmentsan ddevelopedabilitytotranscendfromsubjectiveknowledgetotheapplicationofsubjectinreallife situations.

Acknowledgement

Wewouldliketoexpressourdeepsenseofgratitudeto……

Hon.SecretaryShri.P.R.BhosaleandHon.JointSecretaryShri.N.R.BhosaleofS.E.T.I,Panhala

Dr. Sanjeev Jain(Principal,S.E.T.I,Panhala)

Dr. SuhasSapate(Vice Principal,S.E.T.I,Panhala)

AlltheHeadsofdifferentDepartmentsofS.E.T.I,Panhala

RespectiveIndustriesandProfessionals

RespectivePanhalaMuncipalCorp.PanhalaFort.

AllthecommitteemembersofInductionProgramme
AlltheTeachingandNon-TeachingStaff
TeamofStudents

*****THANK YOU*****

Prof.AshokBhauKolekar
(Asst.Prof.inEnglish&CommunicationSkills)
Co-ordinator,StudentInductionProgramme(S.I.P)Cell,S.E.T.I,Panhala**(Kolhapur)**

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4.Photos of Experiment Performing students

Department of Mechanical Engineering

1. Computer aided drafting lab

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Department of Mechanical Engineering

2. Metallurgy Lab

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3. Fluid Mechanics Laboratory

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Department of Mechanical Engineering

4. Mechatronics Lab

Department of Mechanical Engineering

5. Drawing Hall

Department of Mechanical Engineering

6. Fluid & Turbo Mechinery Lab

Department of Mechanical Engineering

7. Photos of Project presentation

7.1 Project presentation students Photos with model

Department of Mechanical Engineering

7.2 Project presentation students Photos with model

Department of Mechanical Engineering

7.3 Project presentation students Photos with model

Department of Mechanical Engineering

7.4 Project presentation students Photos with model

One Week Workshop on "AutoCAD Software"

Inauguration Function at Class Room No: 209

(Mechanical Engineering Department)

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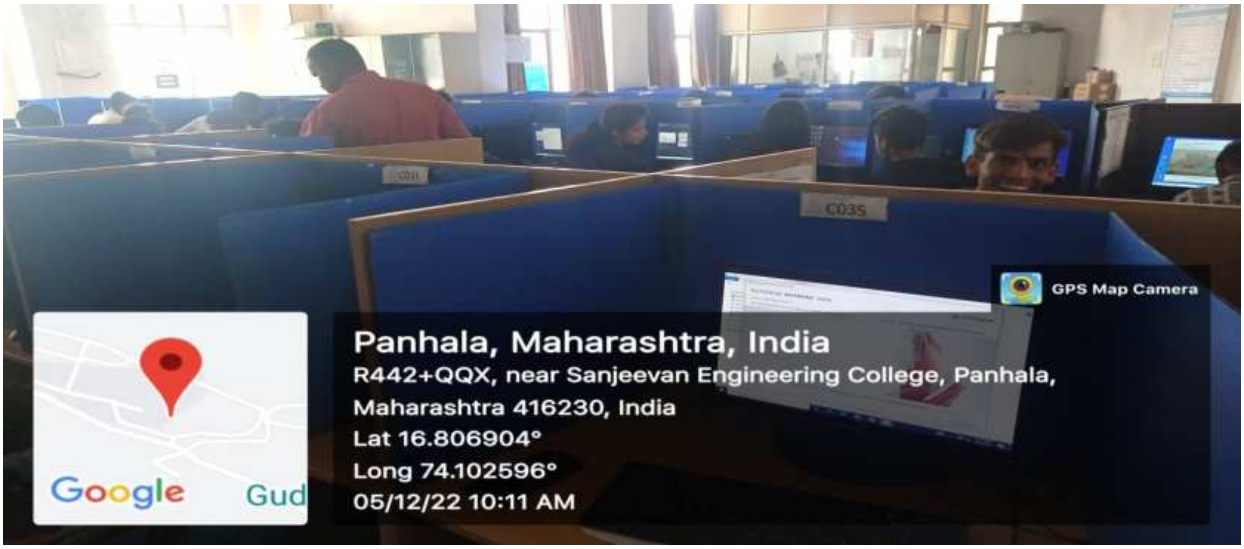
Hands on Training / Hands on Experience (AutoCAD Software)



One Day Workshop On

" Importance of SAP in Current Scenario"

In Association With Prudentia Technology Solutions India Pvt. Ltd.

Pune On 12th July 2023

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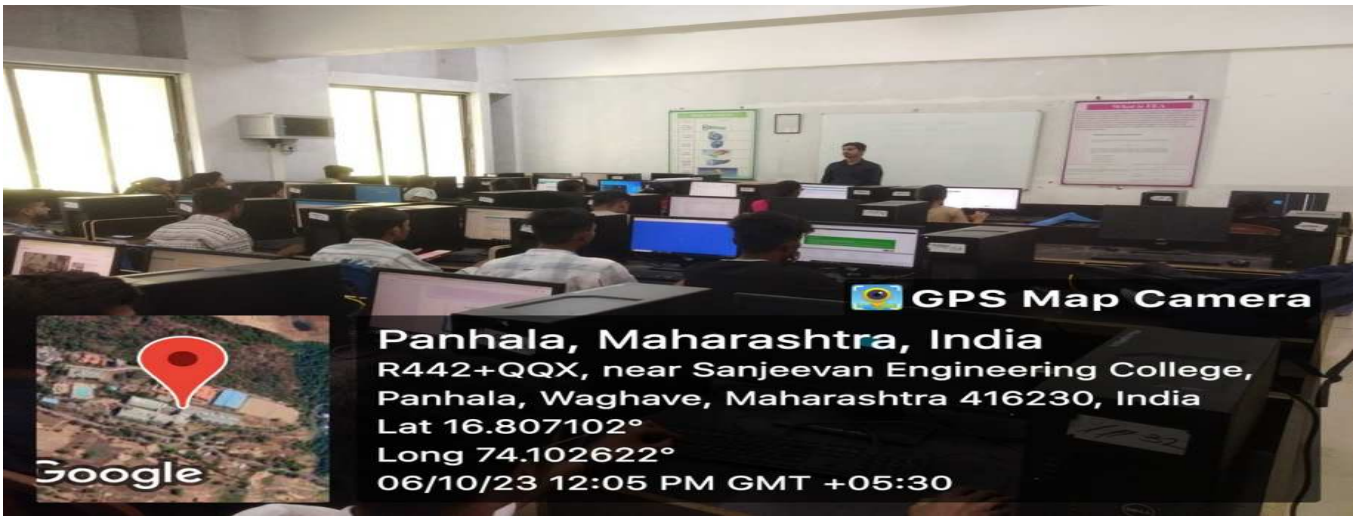
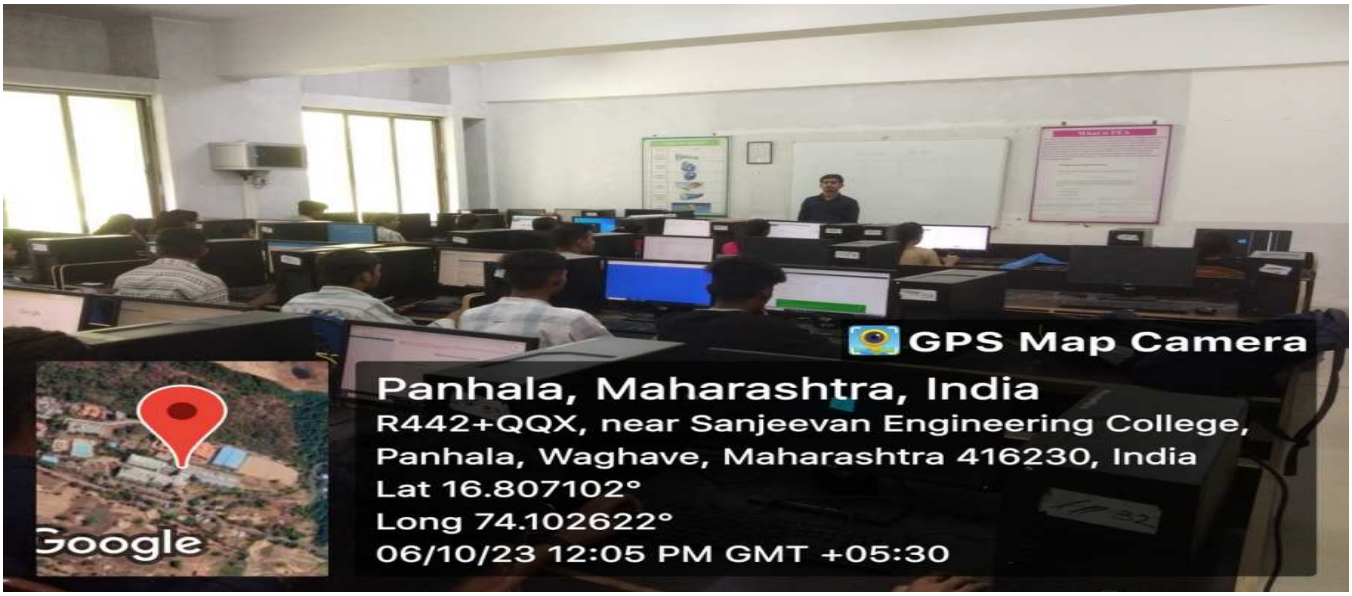
One Day Workshop On

"SAP Modules in Materials Management and Production Planning"

In Association With Prudentia Technology Solutions India Pvt. Ltd.

Pune **On 6th October 2023**





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One Day Workshop On

"Prototype & Process Design and Development"

In Association With Siddham Innovation & Business Incubation Center Kolhapur (SIBIC) on 10th March 2023

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Photograph : Workshop on Prototype & Process Design and Development

Photograph : Workshop on Prototype & Process Design and Development

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