

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Clarification Asked: -HEI to pl note: Under this metrics, Students in last year are to be included. Pl check and update. Pl submit Internship completion certificate / project work completion certificate from the organization of students under each category.

Response: -

1. Provision for experiential learning as per syllabus attached. (Appendix-I)
2. Internship completion certificate / project work completion certificate of final year students for the latest completed academic year are attached. (Appendix-II)

Appendix-I

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Semester - I
Group A

Sr. No.	Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
			L	T	P	CA	MSE	ESE	
1	Mandatory	Induction Program	3 weeks duration in the beginning of the semester						
2	BTBS101	Engineering Mathematics – I	3	1	-	20	20	60	4
3	BTBS102	Engineering Physics	3	1	-	20	20	60	4
4	BTES103	Engineering Graphics	2	-	-	20	20	60	2
5	BTHM104	Communication Skills	2	-	-	20	20	60	2
6	BTES105	Energy and Environment Engineering	2	-	-	20	20	60	2
7	BTES106	Basic Civil and Mechanical Engineering	2	-	-	50	-	-	Audit
8	BTBS107L	Engineering Physics Lab	-	-	2	60	-	40	1
9	BTBS108L	Engineering Graphics Lab	-	-	4	60	-	40	2
10	BTHM109L	Communication Skills Lab	-	-	2	60	-	40	1
TOTAL			14	2	8	330	100	420	18

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Semester - II
Group B

Sr. No.	Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
			L	T	P	CA	MSE	ESE	
1	BTBS201	Engineering Mathematics – II	3	1	-	20	20	60	4
2	BTBS202	Engineering Chemistry	3	1	-	20	20	60	4
3	BTES203	Engineering Mechanics	2	1	-	20	20	60	3
4	BTES204	Computer Programming in C	2	-	-	20	20	60	2
5	BTES205	Workshop Practices	-	-	4	60	-	40	2
6	BTES206	Basic Electrical and Electronics Engineering	2	-	-	50	-	-	Audit
7	BTES207L	Computer Programming Lab	-	-	2	60	-	40	1
8	BTBS208L	Engineering Chemistry Lab	-	-	2	60	-	40	1
9	BTES209L	Engineering Mechanics Lab	-	-	2	60	-	40	1
10	BTES210P	Mini Project	-	-	2	60	-	40	1
11	BTES211P	Field Training / Internship / Industrial Training (minimum of 4 weeks which can be completed partially in First Semester and Second Semester or in at one time).	-	-	-	-	-	-	Credit to be evaluated in III Sem
TOTAL			12	3	12	430	80	440	19

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Semester - III

Sr. No.	Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
			L	T	P	CA	MSE	ESE	
1	BTBSC301	Engineering Mathematics – III	3	1	-	20	20	60	4
2	BTCOC302	Discrete Mathematics	2	1	-	20	20	60	3
3	BTCOC303	Data Structures	2	1	-	20	20	60	3
4	BTCOC304	Computer Architecture & Organization	2	1	-	20	20	60	3
5	BTCOC305	Digital Electronics & Microprocessors	2	1	-	20	20	60	3
6	BTHM3401	Basic Human Rights	2	-	-	50	-	-	Audit
7	BTCOL306	Python Programming	1	-	2	60	-	40	2
8	BTCOL307	HTML and JavaScript	1	-	2	60	-	40	2
9	BTCOL308	Data Structures Lab	-	-	2	60	-	40	1
10	BTCOL309	Digital Electronics & Microprocessor Lab	-	-	2	60	-	40	1
11	BTES211P	Field Training / Internship / Industrial Training Evaluation	-	-	-	-	-	50	1
TOTAL			15	5	8	390	100	510	23

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Semester - IV

Sr. No.	Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
			L	T	P	CA	MSE	ESE	
1	BTCOC401	Design & Analysis of Algorithms	2	1	-	20	20	60	3
2	BTCOC402	Probability & Statistics	2	1	-	20	20	60	3
3	BTCOC403	Operating Systems	2	1	-	20	20	60	3
4	BTCOE404	Elective - I (A) Object Oriented Programming in Java (B) Object Oriented Programming in C++	2	1	-	20	20	60	3
5	BTID405	Product Design Engineering	1	-	2	60	-	40	2
		Elective - II							
6	BTBS405A	Physics of Engineering Materials	2	1	-	20	20	60	3
	BTCE406B	Numerical Methods							
	BTHM3402	Soft skills and Personality Development							
7	BTCOL407	Design & Analysis of Algorithms Lab	-	-	2	60	-	40	1
8	BTCOL408	Introduction to Data Science with R	1	-	2	60	-	40	2
9	BTCOL409	Object Oriented Programming Lab	-	-	2	60	-	40	1
10	BTCOL410	Operating System Lab	-	-	2	60	-	40	1
11	BTCOF411	Field Training / Internship / Industrial Training Evaluation	-	-	-	-	-	-	Credit to be evaluated in V Sem.
TOTAL			12	5	10	400	100	500	22

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Semester - V

Sr. No.	Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
			L	T	P	CA	MSE	ESE	
1	BTCOC501	Database Systems	3	1	-	20	20	60	4
2	BTCOC502	Theory of Computations	3	1	-	20	20	60	4
3	BTCOC503	Machine Learning	3	1	-	20	20	60	4
4	BTCOE504	Elective – III (A) Introduction to Research (B) Cyber Laws (C) Open Elective offered by other departments	2	-	-	20	20	60	2
5	BTCOE505	Elective – IV (A) Economics & Management (B) Business Communication	2	-	-	20	20	60	2
6	BTCOC506	Competitive Programming-I	1	-	2	60	-	40	2
7	BTCOL507	Database System Laboratory	-	-	2	60	-	40	1
8	BTCOL508	Machine Learning Laboratory	-	-	2	60	-	40	1
9	BTCOS509	Seminar	-	-	2	60	-	40	1
10	BTCOF411	Field Training / Internship / Industrial Training Evaluation	-	-	-	60	-	40	1
TOTAL			14	3	8	400	100	500	22

BTCOC501 - Database Systems: Content of this subject is updated. Pl. find below the updated content.

Semester I

Group A

Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
		L	T	P	MSE	CA	ESE	
Mandatory	Induction Program	3 Weeks duration in the beginning of the semester.						
BTBS101	Engineering Mathematics - I	3	1	-	20	20	60	4
BTBS102	Engineering Physics	3	1	-	20	20	60	4
BTES103	Engineering Graphics	2	-	-	20	20	60	2
BTHM104	Communication Skills	2	-	-	20	20	60	2
BTES105	Energy and Environment Engineering	2	-	-	20	20	60	2
BTES106	Basic Civil and Mechanical Engineering	2	-	-	-	50	-	Audit
BTBS107L	Engineering Physics Lab	-	-	2	-	60	40	1
BTBS108L	Engineering Graphics Lab	-	-	4	-	60	40	2
BTHM109L	Communication Skill Lab	-	-	2	-	60	40	1
TOTAL		14	2	8	100	330	420	18

Semester II

Group B

Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
		L	T	P	MSE	CA	ESE	
BTBS201	Engineering Mathematics - II	3	1	-	20	20	60	4
BTBS202	Engineering Chemistry	3	1	-	20	20	60	4
BTES203	Engineering Mechanics	2	1	-	20	20	60	3
BTES204	Computer Programming in C	2	-	-	20	20	60	2
BTES205	Workshop Practices	-	-	4	-	60	40	2
BTES206	Basic Electrical & Electronics Engineering	2	-	-	-	50	-	Audit
BTBS207L	Computer Programming Lab	-	-	2	-	60	40	1
BTBS208L	Engineering Chemistry Lab	-	-	2	-	60	40	1
BTES209L	Engineering Mechanics Lab	-	-	2	-	60	40	1
BTES210P	Mini Project	-	-	2	-	60	40	1
BTES211P	Field Training / Internship / Industrial Training (minimum of 4 weeks which can be completed partially in First Semester and Second Semester or in at one time).	-	-	-	-	-	-	Credit to be evaluated in III Sem.
TOTAL		12	3	12	80	430	440	19

Semester III

Sr. No.	Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
			L	T	P	MSE	CA	ESE	
1	BTBSC301	Engineering Mathematics – III	3	1	-	20	20	60	4
2	BTCOC302	Discrete Mathematics	2	1	-	20	20	60	3
3	BTCOC303	Data Structures	2	1	-	20	20	60	3
4	BTCOC304	Computer Architecture & Organization	2	1	-	20	20	60	3
5	BTCOC305	Digital Electronics & Microprocessors	2	1	-	20	20	60	3
6	BTHM3401	Basic Human Rights	2	-	-	-	50	-	Audit
7	BTCOL306	Python Programming	1	-	2	-	60	40	2
8	BTCOL307	HTML and JavaScript	1	-	2	-	60	40	2
9	BTCOL308	Data Structures Lab	-	-	2	-	60	40	1
10	BTCOL309	Digital Electronics & Microprocessor Lab	-	-	2	-	60	40	1
11	BTES211P	Field Training / Internship / Industrial Training Evaluation	-	-	-	-	-	50	1
TOTAL			15	5	8	100	390	510	23

Semester IV

Sr. No.	Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
			L	T	P	MSE	CA	ESE	
1	BTCOC401	Design & Analysis of Algorithms	2	1	-	20	20	60	3
2	BTCOC402	Probability & Statistics	2	1	-	20	20	60	3
3	BTCOC403	Operating Systems	2	1	-	20	20	60	3
4	Elective-I								
	BTCOE404A	Object Oriented Programming in Java	2	1	-	20	20	60	3
	BTCOE404B	Object Oriented Programming in C++							
5	BTID405	Product Design Engineering	1	-	2	-	60	40	2
6	Elective-II								
	BTBS405A	Physics of Engineering Materials	2	1	-	20	20	60	3
	BTCOE406B	Numerical Methods							
	BTHM3402	Soft Skills and Personality Development							
7	BTCOL407	Design & Analysis of Algorithms Lab	-	-	2	-	60	40	1
8	BTCOL408	Introduction to Data Science with R	1	-	2	-	60	40	2
9	BTCOL409	Object Oriented Programming Lab	-	-	2	-	60	40	1
10	BTCOL410	Operating System Lab	-	-	2	-	60	40	1
11	BTCOF411	Field Training/Internship/Industrial Training Evaluation (Credit to be evaluated in V Sem.)	-	-	-	-	-	-	*
TOTAL			12	5	10	100	400	500	22

Sr. No.	Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
Semester V									
			L	T	P	MSE	CA	ESE	
1	BTCOC501	Database Systems	3	1	-	20	20	60	4
2	BTCOC502	Theory of Computations	3	1	-	20	20	60	4
3	BTCOC503	Machine Learning	3	1	-	20	20	60	4
4	BTCOE504	Elective-III (A) Introduction to Research (B) Cyber Laws (C) Open Elective offered by other departments	2	-	-	20	20	60	2
5	BTCOE505	Elective-IV (A) Economics & Management (B) Business Communication	2	-	-	20	20	60	2
6	BTCOC506	Competitive Programming-I	1	-	2	-	60	40	2
7	BTCOL507	Database System Laboratory	-	-	2	-	60	40	1
8	BTCOL508	Machine Learning Laboratory	-	-	2	-	60	40	1
9	BTCOS509	Seminar	-	-	2	-	60	40	1
10	BTCOF411	Internship/Industrial Training	-	-	-	-	60	40	1
TOTAL			14	3	8	100	400	500	22

Sr. No.	Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
Semester VI									
			L	T	P	MSE	CA	ESE	
1	BTCOC601	Compiler Design	3	1	-	20	20	60	4
2	BTCOC602	Computer Networks	3	1	-	20	20	60	4
3	BTCOE603	Elective-V (A) Human Computer Interaction (B) Artificial Intelligence (C) Object-Oriented Analysis Design	2	1	-	20	20	60	3
4	BTCOE604	Elective-VI (A) Geographic Information System (B) Biology (C) Internet of Things	2	-	-	20	20	60	2
5	BTCOE605	Open Elective-VII (A) Development Engineering (B) National Social Service (C) Consumer Behaviour	2	-	-	20	20	60	2
6	BTCOC606	Competitive Programming-II	1	-	2	-	60	40	2
7	BTCOL607	(A) Mobile Application Development	1	-	2	-	60	40	2
		(B) Internet of Things Laboratory							
8	BTCOL608	Computer Networks Laboratory	-	-	2	-	60	40	1
9	BTCOF609	Filed Training / Internship / Industrial Training (Credit to be evaluated in VII Sem.)	-	-	-	-	-	-	*
TOTAL			14	3	6	100	280	420	20

Sr. No.	Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
Semester VII									
			L	T	P	MSE	CA	ESE	
1	BTCOC701	Software Engineering	2	-	-	20	20	60	2
2	BTCOE702	Elective-VIII (A) Bioinformatics (B) Distributed System (C) Cloud Computing	2	1	-	20	20	60	3
3	BTCOE703	Elective-IX (A) Advanced Operating System (B) Computer Graphics (C) Bio-Metrics (D) Digital Image Processing	2	1	-	20	20	60	3
4	BTCOE704	Open Elective-X (A) Information Security (B) Business Intelligence (C) Blockchain	2	1	-	20	20	60	3
5	BTCOL705	Full Stack Development (LAMP/MEAN)	1	-	2	-	60	40	2
6	BTCOL706	System Administration	1	-	2	-	60	40	2
7	BTCOP707	Project-I	-	-	6	-	60	40	6
8	BTCOF609	Internship/Industrial Training	-	-	-	-	60	40	1
TOTAL			10	3	10	80	320	400	22

Sr. No.	Course Code	Course Title	Weekly Teaching hrs			Evaluation Scheme			Credit
Semester VIII (Scheme A)									
			L	T	P	MSE	CA	ESE	
1	BTCOE801	Elective-XI (A) Software Product Design (B) Quantum Computing (C) Software Testing (D) Big Data Analytics	2	1	-	20	20	60	3
2	BTCOE802	Open Elective-XII (A) 3D Printing And Design (B) Robotics (C) Advanced Database Techniques	2	1	-	20	20	60	3
3	BTCOE803	Open Elective-XIII (A) Virtual Reality (B) Deep Learning (C) Elective offered by other dept.	2	1	-	20	20	60	3
4	BTCOP804	Project-II	-	-	8	-	60	40	8
TOTAL			6	3	8	60	120	220	17
Semester VIII (Scheme B)									
1	BTCOF805	Industrial In-plant Training	-	-	18	-	120	180	9
2	BTCOP804	Project-II	-	-	8	-	60	40	8
TOTAL			-	-	26	-	180	220	17

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

04	BTID405	Product Design Engineering	1	2	-	2
05	CV E1	Elective I	3	-	-	3
06	BTCVC406	Engineering Management	1	-	-	AU
07	BTHM3401	Basic Human Rights	2	-	-	AU
Practical / Drawing and/or Design						
08	BTCVL407	Hydraulics Laboratory II	-	-	2	1
09	BTCVL408	Surveying Laboratory II	-	-	4	2
10	BTCVL409	Mechanics of Solids Laboratory	-	-	2	1
11	BTCVM410	Mini Project	-	-	2	1
12	BTCVF411	Seminar on Topic of Field Visit to works involving Superstructure Construction	-	-	1	1
		Sub-Total	14	5	11	
		Total	31			21
Elective I						
	BTCVE404A BTCVE404B BTCVE404C	Numerical Methods in Engineering Planning for Sustainable Development Instrumentation & Sensor Technologies for Civil Engineering Applications	3	-	-	3

Semester- V

Sr. No	Subject Code	Subject	Contact Hours			Credit
			L	T	P	
Theory						
01	BTCVC 501	Design of Steel Structures	2	2	-	4
02	BTCVC 502	Structural Mechanics-II	2	1	-	3
03	BTCVC 503	Soil Mechanics	3	1	✓	4
04	BTCVC 504	Environmental Engineering	2	-	✓	2
05	BTCVC 505	Transportation Engineering	2	-	✓	2
06	CV E2	Elective II	3	-	-	3
07	BTHM507	Essence of Indian Traditional Knowledge	1	-	-	AU
Practical / Drawing and/or Design						
08	BTCVL508	Soil Mechanics Laboratory	-	-	2	1
09	BTCVL509	Environmental Engineering Laboratory	-	-	2	1
10	BTCVL510	Transportation Engineering Laboratory	-	-	2	1
11	BTCVS511	Seminar on Topic of Field Visit to works related to Building Services	-	-	1	AU
		Sub-Total	15	4	7	
		Total	26			21
		Elective II				
	BTCVE506A BTCVE506B BTCVE506C BTCVE506D	Materials, Testing & Evaluation Computer Aided Drawing Development Engineering Business Communication & Presentation Skills	3	-		3

Semester- VI

\$:Students should register for the CVF 705 in Semester VI to undergo training during vacation after semester VI and appear at examination in Semester VII. Result shall appear in Grade-sheet of Semester VII

Sr. No.	Subject Code	Subject Title	Contact hours			Credit
			L	T	P	
01	BTCVC601	Design of Concrete Structures I	3	1	-	3
02	BTCVC602	Foundation Engineering	2	1	-	3
03	BTCVC603	Concrete Technology	2	-	✓	2
04	BTCVC604	Project Management	2	1	-	2
05	CVE3	Elective III	3	-	-	3
06	BTCVC606	Building Planning and Design	2	-	✓	2
Practical / Drawing and/or Design						
07	BTCVL607	Concrete Technology Laboratory	-	-	2	1
08	BTCVL608	Building Planning, Design and Drawing Laboratory	-	-	4	2
09	BTCVM609	Community Project (Mini Project)	-	-	2	1
10	BTCVS610	Seminar on Topic of Field Visit Road Construction	-	-	1	AU
11	BTCVF611	Industrial Training ^s	-	-	2	--
		Sub-Total	14	3	11	
		Total	28			19
Elective III						
	BTCVE605A	Waste Water Treatment				
	BTCVE605B	Operations Research				
	BTCVE605C	Geographic Data Analysis and Applications				
	BTCVE605D	Advanced Engineering Geology				
	BTCVE605E	Advanced Soil Mechanics				
	BTCVE605F	Design of Masonry and Timber Structures				

Semester – VII

Sr. No.	Subject Code	Subject Title	Contact hours			Credit
			L	T	P	
01	BTCVC 701	Design of Concrete Structures II	2	1	-	3
02	BTCVC 702	Infrastructure Engineering	3	-	-	3
03	BTCVC 703	Water Resources Engineering	2	1	-	3
04	BTCVC 704	Professional Practices	2	1	✓	3
05	CVE4	Elective IV	3	-	-	3
06	CVE5	Elective V	3	-	-	3
Practical / Drawing and/or Design						
07	BTCVL707	Professional Practices Laboratory	-	-	2	1
08	BTCVL708	Design & Drawing of Steel Structures	-	-	4	2
09	BTCVP709	Project Stage-I	-	-	2	1
10	BTCVF710	Industrial Training	-	-	-	AU
		Sub-Total	15	3	08	
		Total	26			22
Elective IV						
	BTCVE705A	Plastic Analysis and Design	-	-	-	
	BTCVE705B	Machine Foundations	-	-	-	

	BTCVE705C BTCVE705D BTCVE705E	Modern Surveying Techniques Engineering Economics Ground Improvement Techniques			
Elective V					
	BTCVE706A BTCVE706B BTCVE706C BTCVE706D BTCVE706E BTCVE706F	Advanced Structural Mechanics Town and Urban Planning Construction Economics & Finance Intelligent Transportation Systems Air Pollution Control Tunneling and Underground Excavations	-	-	--

Semester – VIII

Sr. No.	Subject Code	Subject Title	Contact hours			Credit
			L	T	P	
01	BTCVC 801	Introduction to Earthquake Engineering	2	1		3
02	CVE6	Elective VI	3	-		3
03	CVE7	Elective VII	3	-		3
04	CVE8	Elective VIII	3	-		3
Practical / Drawing and/or Design						
05	BTCVL805	Earthquake Engineering Laboratory	-	-	2	1
06	BTCVL806	Design and Drawing of RC Structures	-	-	4	2
07	BTCVF807	Self-Study Report based on field visit to Infrastructure Project Works	-	-	2	1
08	BTCVP808	Project Stage-II	-	-	8	4
		Sub-Total	11	1	16	
		Total	28			20
		Elective VI				
	BTCVE802A BTCVE802B BTCVE802C BTCVE802D BTCVE802E	Limit State Design of Steel Structures Construction Techniques Pavement Management System Composite Materials Disaster Preparedness & Planning Management	-	-		-
Elective VII						
	BTCVE803A BTCVE803B BTCVE803C BTCVE803D	Bridge Engineering Structural Audit Design of Hydraulic Structures Environmental Impact Assessment and Life Cycle Analyses	-	-		-
Elective VIII						
	BTCVE804A BTCVE804B BTCVE804C BTCVE804D BTCVE804E	Rock Mechanics Water Power Engineering Water Resources Economics Planning and Management Finite Element Method Repair & Rehabilitation of Structures	-	-		-
Overall Total			50+168 = 218			126

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.

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6	Open subjects – Electives from other technical and /or emerging subjects	18	--	--	--	--	03	03	06	--	12
7	Project work, seminar and internship in industry or elsewhere	15	--	--	01	--	01	03	01	12	18
8	Mandatory Courses [Environmental Sciences, Induction training, Indian Constitution, Essence of Indian Knowledge Tradition]	NC	--	--	--	--	--	--	--	--	--
	Semester wise credits		18	18	21	21 + 3*	26	23	21	12	160
	Total	160	37	44	45	34					

*over and above of 160 credits

Course Structure for Semester I

B. Tech in Mechanical Engineering / B. Tech. in Mechanical Engineering (Sandwich) (w.e.f. 2020-21)

Semester I										
Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				No. of Credits
			L	T	P	CA	MSE	ESE	Total	
	Mandatory	Induction Program	3-weeks duration in the beginning of the semester							
BSC1	BTBS101	Engineering Mathematics- I	3	1	-	20	20	60	100	4
BSC2	BTBS102	Engineering Physics	3	1	-	20	20	60	100	4
ESC1	BTES103	Engineering Graphics	2	-	-	20	20	60	100	2
HSSMC1	BTHM104	Communication Skills	2	-	-	20	20	60	100	2
ESC2	BTES105	Energy and Environment Engineering	2	-	-	20	20	60	100	2
ESC3	BTES106	Basic Civil and Mechanical Engineering	2	-	-	50	-	-	50	Audit
BSC3	BTBS107L	Engineering Physics Lab	-	-	2	60	-	40	100	1
ESC4	BTES108L	Engineering Graphics Lab	-	-	3	60	-	40	100	2

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HSSMC2	BTHM109L	Communication Skills Lab	-	-	2	60	-	40	100	1
Total			14	2	7	330	100	420	850	18

Course Structure for Semester II

B. Tech in Mechanical Engineering / B. Tech. in Mechanical Engineering (Sandwich) (w.e.f. 2020-21)

Semester II										
Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				No. of Credits
			L	T	P	CA	MSE	ESE	Total	
BSC4	BTBS201	Engineering Mathematics-II	3	1	-	20	20	60	100	4
BSC5	BTBS202	Engineering Chemistry	3	1	-	20	20	60	100	4
ESC5	BTES203	Engineering Mechanics	2	1	-	20	20	60	100	3
ESC6	BTES204	Computer Programming	3	-	-	20	20	60	100	3
ESC7	BTES205	Basic Electrical and Electronics Engineering	2	-	-	50	-	-	50	Audit
ESC8	BTES206L	Workshop Practice	-	-	4	60	-	40	100	2
BSC6	BTBS207L	Engineering Chemistry Lab	-	-	2	60	-	40	100	1
ESC9	BTES208L	Engineering Mechanics Lab	-	-	2	60	-	40	100	1
PROJ-1	BTES209P (IT- 1)	Field Training/Industrial Training (minimum of 4 weeks which can be completed partially in first semester and second Semester or in one semester itself)	-	-	-	-	-	-	-	To be evaluated in Sem III
	Mandatory	NSS/NCC/Sports	-	-	-	-	-	-	-	Audit
Total			13	3	8	310	80	360	750	18

Course Structure for Semester III

**B. Tech in Mechanical Engineering / B. Tech. in Mechanical Engineering (Sandwich)
(w.e.f. 2021-22)**

Semester III										
Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				No. of Credits
			L	T	P	CA	MSE	ESE	Total	
BSC7	BTBS301	Engineering Mathematics – III	3	1	-	20	20	60	100	4
PCC1	BTMC302	Fluid Mechanics	3	1	-	20	20	60	100	4
PCC2	BTMC303	Thermodynamics	3	1	-	20	20	60	100	4
ESC10	BTMES304	Materials Science and Metallurgy	3	1	-	20	20	60	100	4
PCC3	BTMCL305	Machine Drawing and CAD Lab	-	-	4	60	-	40	100	2
PCC4	BTMCL306	Mechanical Engineering Lab – I	-	-	4	60	-	40	100	2
PROJ-1	BTES209P	IT – 1 Evaluation	-	-	-	-	-	100	100	1
		Constitution of India*								Audit
Total			12	4	8	200	80	420	700	21

BSC = Basic Science Course, ESC = Engineering Science Course, PCC = Professional Core Course

PEC = Professional Elective Course, OEC = Open Elective Course, LC = Laboratory Course

HSSMC = Humanities and Social Science including Management Courses

Course Structure for Semester IV

**B. Tech in Mechanical Engineering / B. Tech. in Mechanical Engineering (Sandwich)
(w.e.f. 2021-22)**

Semester IV										
Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				No. of Credits
			L	T	P	CA	MSE	ESE	Total	
PCC 5	BTMC401	Manufacturing Processes – I	3	1	-	20	20	60	100	4
PCC 6	BTMC402	Theory of Machines-I	3	1	-	20	20	60	100	4
HSSMC3	BTHM403	Basic Human Rights	3	-	-	20	20	60	100	3
ESC11	BTMES404	Strength of Materials	3	1	-	20	20	60	100	4
PEC 1	BTMPE405A-C	Elective-I	3	1	-	20	20	60	100	4
PCC7	BTMCL406	Mechanical Engineering Lab-II	-	-	4	60	-	40	100	2
PROJ-2	BTMI407	Field Training /Industrial Training (minimum of 4 weeks which can be completed partially in the third and fourth semester or in one semester itself)	-	-	-	-	-	-	-	Credits to be evaluated in Sem V
Total			15	4	4	160	100	340	600	21

BSC = Basic Science Course, ESC = Engineering Science Course, PCC = Professional Core Course

PEC = Professional Elective Course, OEC = Open Elective Course, LC = Laboratory Course

B. Tech. Mechanical Engineering
Course Structure for Semester V [Third Year] w.e.f. 2019-2020

Course Code	Type of Course	Course Title	Weekly Teaching Scheme			Evaluation Scheme				Credits
			L	T	P	CA	MSE	ESE	Total	
BTMEC501	PCC 12	Heat Transfer	3	1	--	20	20	60	100	4
BTMEC502	PCC 13	Applied Thermodynamics – I	2	1	--	20	20	60	100	3
BTMEC503	PCC 14	Machine Design – I	2	1	--	20	20	60	100	3
BTMEC504	PCC 15	Theory of Machines- II	3	1	--	20	20	60	100	4
BTMEC505	PCC 16	Metrology and Quality Control	2	1	--	20	20	60	100	3
BTID506	PCC 17	Product Design Engineering - II	1	--	2	60	--	40	100	2
BTMEC506A	OEC 2	Automobile Engineering	3	--	--	--	--	--	--	Audit (AU/ NP)
BTMEC506B		Nanotechnology								
BTMEC506C		Energy Conservation and Management								
BTMEL507	PCC 18	Heat Transfer Lab	--	--	2	30	--	20	50	1
BTMEL508	PCC 19	Applied Thermodynamics Lab	--	--	2	30	--	20	50	1
BTMEL509	PCC 20	Machine Design Practice- I	--	--	2	30	--	20	50	1
BTMEL510	PCC 21	Theory of Machines Lab- II	--	--	2	30	--	20	50	1
BTMEF511	Project 2	Field Training /Internship/Industrial Training II	--	--	--	--	--	50	50	1
Total			16	5	10	280	100	470	850	24

B. Tech. Mechanical Engineering
Course Structure for Semester VI [Third Year] w.e.f. 2019-2020

Course Code	Type of Course	Course Title	Weekly Teaching Scheme			Evaluation Scheme				Credits
			L	T	P	CA	MSE	ESE	Total	
BTMEC601	PCC 22	Manufacturing Processes- II	2	1	--	20	20	60	100	3
BTMEC602	PCC 23	Machine Design-II	3	1	--	20	20	60	100	4
BTMEC603	PCC 24	Applied Thermodynamics- II	2	1	--	20	20	60	100	3
BTMEC604A	PEC 1	Engineering Tribology	2	1	--	20	20	60	100	3
BTMEC604B		IC Engines								
BTMEC604C		Additive Manufacturing								
BTMEC604D		Mechanical Measurements								
BTMEC605A	OEC 3	Quantitative Techniques in Project Management	3	--	--	20	20	60	100	3
BTMEC605B		Sustainable Development								
BTMEC605C		Renewable Energy Sources								
BTMEC606A	OEC 4	Biology for Engineers	3	--	--	--	--	--	--	Audit (AU/ NP)
BTMEC606B		Solar Energy								
BTMEC606C		Human Resource Management								
BTMEL607	PCC 25	Metrology and Quality Control Lab	--	--	2	30	--	20	50	1
BTMEL608	PCC 26	Machine Design Practice-II	--	--	2	30	--	20	50	1
BTMEL609	PCC 27	IC Engine Lab	--	--	2	30	--	20	50	1
BTMEL610	PCC 28	Refrigeration and Air Conditioning Lab	--	--	2	30	--	20	50	1
BTMEM611	Project 3	Technical Project for Community Services	--	--	4	30	--	20	50	2
Total			15	4	12	250	100	400	750	22

B. Tech. Mechanical 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	
BTMEC701	PCC 29	Mechatronics	2	1	--	20	20	60	100	3
BTMEC702	PCC 30	CAD/CAM	2	1	--	20	20	60	100	3
BTMEC703	PCC 31	Manufacturing Processes - III	2	1	--	20	20	60	100	3
BTMEC704A	PEC 2	Fluid Machinery	2	1	--	20	20	60	100	3
BTMEC704B		Industrial Engineering and Management								
BTMEC704C		Finite Element Method								
BTMEC704D		Surface Engineering								
BTMEC704E		Refrigeration and Air Conditioning								
BTAMC704C		Automobile Design (Product Design, PLM, CAE, Catia)								
BTMEC705A	OEC 5	Engineering Economics	3	--	--	--	--	--	--	Audit (AU/ NP)
BTMEC705B		Intellectual Property Rights								
BTMEC705C		Wind Energy								
BTMEC705D		Knowledge Management								
BTMEL706	PCC 32	Manufacturing Processes Lab - II	--	--	2	30	--	20	50	1
BTMEL707	PCC 33	Mechatronics Lab	--	--	2	30	--	20	50	1
BTMEL708	PCC 34	CAD/CAM Lab	--	--	2	30	--	20	50	1
BTMES709	Project 4	Seminar	--	--	2	30	--	20	50	1
BTMEF710	Project 5	Field Training /Internship/Industrial Training III	--	--	--	--	--	50	50	1
BTMEP711	Project 6	Project Stage-I**	--	--	6	30	--	20	50	3
Total			11	4	14	230	80	390	700	20

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

B. Tech. Mechanical 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	
Choose any two subjects from ANNEXURE-A#			-	-	--	20	20	60	100	3
			-	-	--	20	20	60	100	3
BTMEP803	Project 7	Project Stage-II or Internship and Project*	--	--	30	50	--	100	150	15
Total			--	--	30	90	40	220	350	21

* Six months of Internship in the industry

These subjects are to be studied on self–study mode using SWAYAM/NPTEL/Any other source

Student doing project in Industry will give NPTEL Examination/Examination conducted by the University i.e. CA/MSE/ESE

Students doing project in the Institute will have to appear for CA/MSE/ESE

ANNEXURE-A#
Recommendations of 8th Semester Courses in Self-study Mode from NPTEL/ SWYAM Platform

Sr No	Course Code	Course Name	Duration (Weeks)	Institute Offering Course	Name of Professor
1	BTMEC801A	Fundamentals of Automotive Systems	12 Weeks	IITM	Prof. C. S. Shankar Ram
2	BTMEC801B	Mechanics of Fiber Reinforced Polymer Composite Structures	12 Weeks	IITG	Prof. Debabrata Chakraborty
3	BTMEC801C	Explosions and Safety	12 Weeks	IITM	Prof. K. Ramamurthi
4	BTMEC801D	Material Characterization	12 Weeks	IITM	Prof. Sankaran.S
5	BTMEC801E	Dealing with materials data : collection, analysis and interpretation	12 Weeks	IISc	Prof. M P Gururajan

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B. Tech in Electronics & Telecommunication Engineering Curriculum for Second Year

Semester III

Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
BSC	BTBS301	Engineering Mathematics – III	3	1	-	20	20	60	100	4
PCC 1	BTETC302	Electronic Devices & Circuits	3	1	-	20	20	60	100	4
PCC 2	BTETC303	Digital Electronics	3	1	-	20	20	60	100	4
ESC	BTES304	Electrical Machines and Instruments	3	1	-	20	20	60	100	4
LC	BTETL305	Electronic Devices & Circuits Lab	-	-	2	60	-	40	100	1
LC	BTETL306	Digital Electronics Lab	-	-	2	60	-	40	100	1
Seminar	BTETS307	Seminar I	-	-	4	60	-	40	100	2
Internship	BTES211P	Internship – 1 Evaluation	-	-	-	-	-	-	-	Audit
Total			12	4	8	260	80	360	700	20

Semester IV

Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
PCC 3	BTETC401	Network Theory	3	1	-	20	20	60	100	4
PCC 4	BTETC402	Signals and Systems	3	1	-	20	20	60	100	4
HSSMC	BTHM403	Basic Human Rights	3	-	-	20	20	60	100	3
BSC	BTBS404	Probability Theory and Random Processes	3	-	-	20	20	60	100	3
PEC 1	BTETPE405	(A) Numerical Methods and Computer Programming	3	1	-	20	20	60	100	4
		(B) Data Compression & Encryption								
		(C) Computer Organization and Architecture								
		(D) Introduction to MEMS								
		(E) Python Programming								
LC	BTETL406	Network Theory Lab & Signals and Systems Lab	-	-	4	60	-	40	100	2
Seminar	BTETS407	Seminar II	-	-	4	60	-	40	100	2
Internship	BTETP408 (Internship – 2)	Field Training /Internship/Industrial Training (minimum of 4 weeks which can be completed partially in third semester and fourth semester or in at onetime).	-	-	-	-	-	-	-	Audit (evaluation will be in V Sem.)
Total			15	3	8	220	100	380	700	22

BSC = Basic Science Course, ESC = Engineering Science Course, PCC = Professional Core Course
 PEC = Professional Elective Course, OEC = Open Elective Course, LC = Laboratory Course
 HSSMC = Humanities and Social Science including Management Courses.

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B. Tech (Electronics & Telecommunication Engineering)

Proposed Curriculum for Semester V [Third Year]

Sr. No.	Course Code	Type of Course	Course Title	Hours Per Week			Evaluation Scheme			Total Marks	Credits
				L	T	P	MSE	CA	ESE		
1	BTEXC501	Professional Core Course 1	Electromagnetic Field Theory	2	1	0	20	20	60	100	3
2	BTEXC502	Professional Core Course 2	Control System Engineering	3	0	0	20	20	60	100	3
3	BTETC503	Professional Core Course 3	Computer Architecture	3	0	0	20	20	60	100	3
4	BTEXC504	Professional Core Course 4	Digital Signal Processing	2	1	0	20	20	60	100	3
5	BTEXC505	Professional Core Course 5	Microcontroller and its Applications	3	0	0	20	20	60	100	3
6	BTEXPE506A	Program Elective Course 1	Probability Theory and Random Processes	3	0	0	20	20	60	100	3
	BTEXPE506B		NSQF (Level 7 Course)								
	BTEXPE506C		Data Structure & Algorithms Using Java Programming								
	BTEXPE506D		Introduction to MEMS								

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7	BTETL507	Control System Engineering Lab	0	0	2	--	30	20	50	1
8	BTETL508	Digital Signal Processing Lab	0	0	2	--	30	20	50	1
9	BTETL509	Microcontroller and its Applications Lab	0	0	2	--	30	20	50	1
10	BTETP510	Mini Project	0	0	2	--	30	20	50	1
11	BTETS511	Seminar	0	0	2	--	30	20	50	1
12	BTEXF412	Field Training/ Internship/Industrial Training Evaluation	--	--	--	--	--	50	50	1
Total			16	02	10	120	270	510	900	24

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B. Tech (Electronics & Telecommunication Engineering)

Proposed Curriculum for Semester VI [Third Year]

Sr. No.	Course Code	Type of Course	Course Title	Hours Per Week			Evaluation Scheme			Total Marks	Credits
				L	T	P	MSE	CA	ESE		
1	BTETC601	Professional Core Course 1	Antennas and Wave Propagation	3	0	0	20	20	60	100	3
2	BTETC602	Professional Core Course 2	Computer Network & Cloud Computing	3	0	0	20	20	60	100	3
3	BTETC603	Professional Core Course 3	Digital Image Processing	3	0	0	20	20	60	100	3
4	BTETPE604A	Program Elective Course 2	CMOS Design	3	0	0	20	20	60	100	3
	BTETPE604B		Information Theory and Coding								
	BTETPE604C		Power Electronics								
	BTETPE604D		Nano Electronics								
	BTETPE604E		NSQF (Level 7 Course)								
	BTETPE604F		Android Programming								
5	BTETOE605A	Open Elective Course 1	Digital System Design	3	0	0	20	20	60	100	3
	BTETOE605B		Optimization Techniques								
	BTETOE605C		Project Management and Operation Research								

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	BTETOE605D		Augmented, Virtual and Mixed Reality								
	BTETOE605E		Python Programming								
	BTETOE605F		Web Development and Design								
6	BTHM606	Humanities & Social Science including Management Courses	Employability & Skill Development	2	0	0	20	20	60	100	2
7	BTETL607	Computer Network & Cloud Computing Lab		0	0	2	--	30	20	50	1
8	BTETL608	Program Elective 2 Lab		0	0	2	--	30	20	50	1
9	BTETL609	Open Elective 1 Lab		0	0	2	--	30	20	50	1
10	BTETP610	Mini-project		0	0	2	--	30	20	50	1
11	BTETF611	Field Training/ Internship/ Industrial Training (Minimum 4 weeks)		--	--	--	--	--	--	--	1* (To be evaluated in VII th Semester)
Total				17	0	8	120	240	440	800	21

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Program Elective 2	Open Elective 1
(A) CMOS Design	(A) Digital System Design
(B) Information Theory and Coding	(B) Optimization Techniques
(C) Power Electronics	(C) Project Management and Operation Research
(D) Nano Electronics	(D) Augmented, Virtual and Mixed Reality
(E) NSQF (Level 7 Course)	(E) Python Programming
(F) Android Programming	(F) Web Development and Design

* To be evaluated in VIIth Semester

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B. Tech (Electronics & Telecommunication Engineering)
Proposed Curriculum for Semester VII [Final Year]

Sr. No.	Course Code	Type of Course	Course Title	Hours Per Week			Evaluation Scheme			Total Marks	Credits
				L	T	P	MSE	CA	ESE		
1	BTETC701	Professional Core Course 1	Digital Communication	3	0	0	20	20	60	100	3
2	BTETPE702	Program Elective 3	Group A	3	0	0	20	20	60	100	3
3	BTETPE703	Program Elective 4	Group B	3	0	0	20	20	60	100	3
4	BTETPE704	Program Elective 5	Group C	3	0	0	20	20	60	100	3
5	BTHM705	Humanities & Social Science including Management Courses	Financial Management	2	0	0	20	20	60	100	2
6	BTETL706	Program Elective 3 Lab		0	0	2	--	30	20	50	1
7	BTETL707	Program Elective 4 Lab		0	0	2	--	30	20	50	1
8	BTETL708	Program Elective 5 Lab		0	0	2	--	30	20	50	1
9	BTETP709	Project Part I		0	0	8	--	50	50	100	4
10	BTETF611	Field Training/ Internship/Industrial Training Evaluation		--	--	--	--	--	50	50	1
Total				14	0	14	100	240	460	800	22

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Program Elective - 3 (Group A)	Program Elective -4 (Group B)	Program Elective- 5 (Group C)
(A) Microwave Theory & Techniques	(A) Embedded System Design	(A) Consumer Electronics
(B) RF Circuit Design	(B) Artificial Intelligence Deep learning	(B) Analog Integrated Circuit Design
(C) Satellite Communication	(C) VLSI Design & Technology	(C) Soft Computing
(D) Fiber Optic Communication	(D) Data Compression & Encryption	(D) Advance Industrial Automation-1
(E) Wireless Sensor Networks	(E) Big Data Analytics	(E) Mechatronics
(F) Mobile Computing	(F) Cyber Security	(F) Electronics in Smart City

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B. Tech (Electronics & Telecommunication 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	MSE	CA	ESE	Total	
<ul style="list-style-type: none">• Introduction to Internet of Things• Computer Vision and Image Processing• Biomedical Signal Processing• Industrial Automation and Control• Cryptography and Network Security• Digital IC Design <div># Student to opt any two subjects from above list</div>			3	-	--	20*	20*	60*	100	3
			3	-	--	20*	20*	60*	100	3
BTMEP803	Project Part-II or Internship*		--	--	30	--	--	100	150	15
Total			--	--				220	350	21

* Six months of Internship in the industry

*Students doing project at institute will have to appear for CA/MSE/ESE

* Student doing project at Industry will give NPTEL examination / Examination conducted by university i.e. CA/MSE/ESE

These subjects are to be studied on self –study mode using SWAYAM/NPTEL/Any other source

Teacher who work as a facilitator for the course should be allotted 3 hrs/week load.

Project Load: 2hrs/week/project.

Mapping of Courses with MOOCs Platform SWYAM / NPTEL

No	Course Name	Duration (Weeks)	Institute Offering Course	Name of Professor
1	Introduction to internet of things	12	IIT Kharagpur	Prof. Sudip Misra
2	Computer Vision and Image Processing	12	IIT Gandhinagar	Prof. M. K. Bhuyan
3	Biomedical Signal Processing	12	IIT Kharagpur	Prof. Sudipta Mukhopadhyay
4	Industrial Automation and Control	12	IIT Kharagpur	Prof. Siddhartha Mukhopadhyay
5	Cryptography & Network Security	12	IIT Kharagpur	Prof. Sourav Mukhopadhyay
6	Digital IC Design	12	IIT Madras	Prof. Janakiraman

Dr. Babasaheb Ambedkar Technological University, Lonere.

B.Tech (Electrical Engineering / Electrical Engineering (Electronics and Power)/ Electrical & Electronics Engg / Electrical & Power Engineering)

Curriculum of Second Year

Semester III

Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
BSC	BTBS301	Engineering Mathematics-III	3	1	-	20	20	60	100	4
PCC1	BTEEC302	Electrical Machines-I	3	1	-	20	20	60	100	4
PCC2	BTEEC303	Electrical and Electronics Measurement	3	1	-	20	20	60	100	4
HSSMC	BTHM304	Basic Human Rights	2	-	-					Audit
ESC	BTES305	Engineering Material Science	3	-	-	20	20	60	100	3
LC	BTEEL306	Electrical Machines-I Lab			2	60		40	100	1
LC	BTEEL307	Electrical and Electronics Measurement Lab			2	60		40	100	1
Project	BTEEP308	Mini Project-I			4	60		40	100	2
Internship	BTES211P	Internship-I Evaluation						50	50	1
			14	3	8	260	80	410	750	20

Semester IV

Course Category	Course Code	Course Title	Teaching Scheme			Evaluation Scheme				Credit
			L	T	P	CA	MSE	ESE	Total	
PCC3	BTEEC401	Network Theory	3	1	-	20	20	60	100	4
PCC4	BTEEC402	Power System	3	1	-	20	20	60	100	4
PCC5	BTEEC403	Electrical Machine-II	3	1	-	20	20	60	100	4
BSC	BTBS404	Analog and Digital Electronics	3	-	-	20	20	60	100	3
PEC1	BTEEP405	Group A	3	-	-	20	20	60	100	3
LC	BTEEL406	Network Theory Lab	-	-	2	30		20	50	1
LC	BTEEL407	Power System Lab	-	-	2	30		20	50	1
LC	BTEEL408	Electrical Machine-II Lab	-	-	2	30		20	50	1
LC	BTEEL409	Analog and Digital Electronics lab	-	-	2	30		20	50	1
Internship	BTEEP410	Internship-II (minimum of 4 weeks which can be completed partially in third or fourth semester or in at one time)	-	-	-	-	-	-	-	-
						220	100	380	700	22

Group-A

- (A) Electromagnetic Field Theory
- (B) **Signals and System**
- (C) Advance Renewable Energy Sources
- (D) **Electronic Devices and Circuits**

Teaching & Evaluation scheme of Third year B. Tech. Electrical Engineering / Electrical Engineering (Electronics and Power)/ Electrical & Electronics Engg / Electrical & Power Engg .

V Semester

Course Code	Course Name	Teaching Scheme			Evaluation Scheme				Credits
		L	P	T	Int	MSE	ESE	Total	
BTEEC501	Electrical Machine-II	3	0	1	20	20	60	100	4
BTEEC502	Power System-II	3	0	1	20	20	60	100	4
BTEEL503	Microprocessor and micro Controller	3	0	0	20	20	60	100	3
BTHM504	Value Education, Human Rights and Legislative Procedures [MOOC/Swayam/NPTEL]	2	0	0	-	-	-	Audit course	0
BTEEE505	Elective-IV	3	0	0	20	20	60	100	3
BTEEOE506	Elective-V	3	0	0	20	20	60	100	3
BTEEL507	Electrical Machine-II Lab	0	4	0	60	-	40	100	2
BTEEL508	Power System-II Lab	0	2	0	30	-	20	50	1
BTEEL509	Microprocessor and micro Controller Lab	0	2	0	30	-	20	50	1
BTEEF510	Industrial Training	-	-	-	50	-	-	50	1
	Total	17	08	02	270	100	380	750	22

Elective- IV: 1.Illumination engineering 2. Advances in Renewable Energy Sources. 3. Testing and Maintenance of Electrical equipment.

Elective-V: 1.Electrical Mobility. 2 Power Plant Engineering. 3. Design and Analysis of Algorithms

VI semester

Course Code	Course Name	Teaching Scheme			Evaluation Scheme				Credits
		L	P	T	Int	MSE	ESE	Total	
BTEEC601	Control System	3	0	1	20	20	60	100	4
BTEEC602	Principles of Electrical Machine Design	3	0	0	20	20	60	100	3
BTEEC603	Power Electronics	3	0	1	20	20	60	100	4
BTEEE604	Elective-VI	3	0	0	20	20	60	100	3
BTEEC605	Elective-VII	3	0	0	20	20	60	100	3
BTEEOE606	Elective-VIII [MOOC/Swayam/NPTEL]	3	0	0	20	20	60	100	3
BTEEL607	Control System- Lab	0	2	0	30	-	20	50	1
BTEEL608	Principles of Electrical Machine Design Lab	0	2	0	30	-	20	50	1
BTEEL609	Power Electronics Lab	0	4	0	60	-	40	100	2
	Total	18	08	02	240	120	440	800	24

Elective-VI Industrial automation and Control 2. Design of Experiments 3. Artificial neural network.

Elective-VII 1. Switch Gear and Protection 2. Computer aided analysis and design 3. Mechatronics

Elective- VIII. 1. Rural Technology and Community Development. 2. Project Management 3. Knowledge Management

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**B.Tech (Electrical Engineering / Electrical Engineering (Electronics and Power)/
Electrical & Electronics Engg / Electrical & Power Engineering)**

Curriculum for Semester VII [Final Year]

Sr. No.	Course Code	Type of Course	Course Title	Hours per week			Evaluation Scheme			Total Marks	Credits
				L	T	P	MSE	CA	ESE		
1	BTEEC701	PCC1	Power System Operation & Control	3	0	0	20	20	60	100	3
2	BTEEC702	PCC2	High Voltage Engineering	3	0	0	20	20	60	100	3
3	BTEEC703	PCC3	Electrical Drives	3	0	0	20	20	60	100	3
4	BTEEE704	PEC1	Elective-IX	3	0	0	20	20	60	100	3
5	BTEEE705	PEC2	Elective-X	3	0	0	20	20	60	100	3
6	BTEEL706	Lab	Power System Operation & Control Lab	0	0	2	--	30	20	50	1
7	BTEEL707	Lab	High Voltage Engineering Lab	0	0	2	--	30	20	50	1
8	BTEEL708	Lab	Electrical Drives Lab	0	0	2	--	30	20	50	1
9	BTEES709	Seminar	Seminar	0	0	2	--	30	20	50	1
10	BTEEP710	Project	Project Part-I	0	0	6	--	30	20	50	3
11	BTEEF711	--	Field Training /Internship/Industrial Training III	--	--	--	--	--	50	50	1
Total				15	0	14	100	250	450	800	23

Elective-IX	Elective-X
A) Special Purpose Electrical Machines	A) Digital Signal Processing
B) Electrical Traction and Utilization	B) Energy Audit and Conservation
C) Engineering System Design and Optimization	C) Electrical Power Quality
D) Financial Management	D) HVDC Transmission and FACTS

Dr. Babasaheb Ambedkar Technological University, Lonere.

**B.Tech (Electrical Engineering / Electrical Engineering (Electronics and Power)/
Electrical & Electronics Engg / Electrical & Power Engineering)**

Curriculum for Semester VIII [Final Year]

Sr. No.	Course Code	Course Title	Hours per week			Evaluation Scheme			Total Marks	Credits
			L	T	P	MSE	CA	ESE		
		1.Power Management Integrated Circuits 2.DC Power Transmission Systems 3.High Power Multilevel Converters 4.Fuzzy Sets, Logic and Systems & Applications 5.The Joy of Computing using Python 6.Introduction to Industry 4.0 and Industrial Internet of Things 7.Entrepreneurship Essentials # Student to opt any two subjects from above list	3	0	0	20*	20*	60*	100	3
			3	0	0	20*	20*	60*	100	3
6	BTEEP803	Project - II	0	0	30	--	100	150	250	15
		Total	6	0	30	40	240	270	450	21

* Six months of Internship in the industry

*Students doing project at institute will have to appear for CA/MSE/ESE

* Student doing project at Industry will give NPTEL examination / Examination conducted by university i.e. CA/MSE/ESE

These subjects are to be studied on self –study mode using SWAYAM/NPTEL/Any other source

Teacher who work as a facilitator for the course should be allotted 3 hrs/week load.

Project Load: 2hrs/week/project.

Mapping of Courses with MOOCs Platform SWYAM / NPTEL

S.N.	Course Name	Duration	Name of Professor	Institute offering Course
1	Power Management Integrated Circuits	12 Weeks	Prof. Qadeer Ahmad Khan	IITM
2	DC Power Transmission Systems	12 Weeks	Prof. Krishna S	IITM
3	High Power Multilevel Converters	12 Weeks	Prof. Anandarup Das	IITD
4	Fuzzy Sets, Logic and Systems & Applications	12 Weeks	Prof. Nishchal Kumar Verma	IITK
5	The Joy of Computing using Python	12 Weeks	Prof. Sudarshan Iyengar Prof. Yayati Gupta	IIT Ropar
6	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks	Prof. Sudip Misra	IIT KGP
7	Entrepreneurship Essentials	12 Weeks	Prof. Manoj Kumar Mondal	IIT KGP

ELECTRICAL ENGINEERING DEPARTMENT
Proposed Teaching and Examination Scheme for
M. Tech. (Electrical Engineering) w. e. f. July 2017

SEMESTER I

Subject Code	Name of the Subject	Teaching Scheme (Hours/Week)			Credit	Examination Scheme				
		L	T	P		Theory		CA	PR/OR	Total
						TH	Tests			
MTEE101	Power System Modeling	03	01	--	04	60	20	20	--	100
MTEE102	Advanced Power Electronics	03	01	--	04	60	20	20	--	100
MTEE103	Modern Control System	03	01	--	04	60	20	20	--	100
MTEE104	Elective-I	03	-	--	03	60	20	20	--	100
MTEE105	Elective-II	03	-	--	03	60	20	20	-	100
MBS106	Communication Skills	02	-	--	02	-	-	25	25	50
MTEE107	PG Lab-I	--	-	03	02			25	25	50
	Total	17	03	03	22	300	100	150	50	600

Elective-I MTCS104

- 1) Advanced Topics in Power System
- 2) Renewable Energy Systems
- 3) Advanced Digital Signal Processing

Elective-II MTCS105

- 1) Electrical Transients in Power System
- 2) Power Electronics for Renewable Energy Systems
- 3) Power Electronics and Control

SEMESTER II

Subject Code	Name of the Subject	Teaching Scheme (Hours/Week)			Credit	Examination Scheme				
		L	T	P		Theory		CA	PR/OR	Total
						TH	Tests			
MTEE201	AC /DC drives	03	01	--	04	60	20	20	--	100
MTEE202	Advance Power System Protection	03	01	--	04	60	20	20	--	100
MTEE203	Elective-III	03	-	--	03	60	20	20	--	100
MTEE204	Elective-IV	03	-	--	03	60	20	20	--	100
MTEE205	Elective-V (Open)	03	-	--	03	60	20	20	-	100
MTEE206	Seminar-I	--	-	04	02	-	-	50	50	50
MTEE07	PG Lab-II or Mini Project	--	-	04	02	-	-	50	50	50
	Total	15	02	08	21	300	100	200	100	700

Elective-III MTCS203

- 1) Power Sector Economics Restructuring & Regulation
- 2) Distributed generation and micro grid
- 3) Embedded Systems

Elective-IV MTCS204

- 1) Application of Power Electronics to Power System
- 2) Electric and Hybrid Vehicles
- 3) Control System design and estimation

Elective-V MTCS205

- 1) Modern Optimization Techniques.
- 2) Sustainable energy system
- 3) Energy Management and Auditing.
- 4) Energy storage system.
- 5) Research Methodology
- 6) Finance management
- 7) Intelligent systems

P.S. Any other course approved by BoS for elective.

M. Tech. (ELECTRICAL ENGINEERING)

SEMESTER-III

Subject Code	Name of the Subject	Teaching Scheme (Hours/Week)			Credit	Examination Scheme				
						Theory		CA	PR/OR	Total
		L	T	P		TH	Tests			
MTME301	Project Management and Intellectual Property Rights (Self Study)*	--	--	--	02	--	--	50	50	100
MTEE302	Project work Phase-I	--	--	--	14	--	--	50	50	100
	Total	--	--	--	16	--	--	100	100	200

SEMESTER-IV

Subject Code	Name of the Subject	Teaching Scheme (Hours/Week)			Credit	Examination Scheme				
						Theory		CA	PR/OR	Total
		L	T	P		TH	Tests			
MTEE401	Project work Phase-II	--	--	--	28	--	--	100	100	200
	Total	--	--	--	28	--	--	100	100	200

**MASTER OF TECHNOLOGY
(Mechanical Engineering)**

Syllabus with effect from July 2018

Semester-I

Course Code	Type of Course	Name of the Course	Hours/Week			Credit	Examination Scheme				
			L	T	P		Theory		CA	PR/OR	Total
							TH	Test			
MMECH11	PCC	Engineering Thermodynamics	3	1	--	4	60	20	20	--	100
MMECH12	PCC	Machining and Forming Processes	3	1	--	4	60	20	20	--	100
MMECH13	PCC	Mechanical Vibrations	3	1	--	4	60	20	20	--	100
MDE14A	Elective I	Advanced Machine Design	3	--	--	3	60	20	20	--	100
MTE14B		Utilization of Solar Energy									
MTE14C		Advanced I.C. Engines									
MME14D		Additive Manufacturing									
MMECH15A	Elective II	Manufacturing Planning and Control	3	--	--	3	60	20	20	--	100

ME-XX15C		Hydraulic, Pneumatic and Fluidic Control	2	--	--	2	--	--	25	25	50
MTE15D		Wind Energy									
MME15E		Finite Element Method									
BSH16	HSMC	Communication Skills									
MMECH17	PCC	Mechanical Engineering Lab	--	--	3	2	--	--	25	25	50
Total			17	3	3	22	300	100	150	50	600

Semester-II

Course Code	Type of Course	Name of the Course	Hours/Week			Credit	Examination Scheme				
			L	T	P		Theory		CA	PR/OR	Total
							TH	Test			
MMECH21	PCC	Advanced Fluid Mechanics and Heat Transfer	3	1	--	4	60	20	20	--	100
MMECH22	PCC	Mechanical Design Analysis	3	1	--	4	60	20	20	--	100
MMECH23A	Elective III	Numerical Methods and Computational Techniques	3	--	--	3	60	20	20	--	100
ME-XX23B		CAD- CAE									
MTE23B		Computational Fluid Dynamics									
MTE23C		Advanced Refrigeration									
MTE23D		Design of Heat Exchangers									
MTE23E		Alternative Fuels for I.C. Engines									
MTE24A	Elective IV	Steam and Gas Turbines	3	--	--	3	60	20	20	--	100
MME24B		Surface Engineering									
MTE24B		Cryogenic Engineering									

MMECH24C		Nanotechnology									
MME24F		World Class Manufacturing									
MOE25A	Elective V	Research Methodology	3	--	--	3	60	20	20	--	100
MOE25B		Design of Experiments									
MOE25C		Advanced Optimization Techniques									
MOE25D		Environmental Engineering and Pollution Control									
MOE25E		Soft Computing Techniques									
MOE25F		Manufacturing Automation									
MOE25G		Modeling and Simulation									
MMECH26	PCC	Seminar	--	4	--	2	--	--	50	50	100
MMECH27	PCC	Mini Project	--	--	4	2	--	--	50	50	100
Total			15	6	4	21	300	100	200	100	700

Semester-III

Course Code	Type of Course	Name of the Course	Hours/Week			Credit	Examination Scheme				
			L	T	P		Theory		CA	PR/OR	Total
							TH	Test			
MMECH31	PCC	Project Management (Self Study Course)	--	--	--	2	--	--	50	50	100
MMECH32		OR Intellectual Property Rights (Self Study Course)	--	--	--	2	--	--	50	50	100
MMECH33	PCC	Project Stage -I	---	--	--	10	--	--	50	50	100
Total			---	--	--	12	--	--	100	100	200

Semester-IV

Course Code	Type of Course	Name of the Course	Hours/Week			Credit	Examination Scheme				
			L	T	P		Theory		CA	PR/OR	Total
							TH	Test			
MMECH41	PCC	Project Stage -II	---	--	--	20	--	--	100	100	200
Total			---	--	--	20	--	--	100	100	200

Appendix-II

Internship Certificates

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KAIU(AMtg. CELL. 900-162769

Add. - Jalawali chmsk, karkarnb Tal- Pandharpur. Dist: Solapur. 413302

Date:- 12-09-2022
shrikantgulame08@gmail.com

The principle
Fabtech technical campus, Sangola.

Subject- Regarding industrial training of four week has
completed in our organization for your engineering student.

Respected sir,

This letter is to certify that Muskan khutub Korbu.
student of fabtech technical campus, sangola, has successfully
completed their industrial training which held at sangola and
conducted 02-09-2022 to 12-09-2022

Thank You.


SHRIKANT S. GULAME
Civil Engineers & Contractor
Mob.No. 9043462769

Yours

Name— Er, Shrikant S. Gulame

DEEPAKRAJE CONSTRUCTION

Govt.Registered Contractor

A/p-Javala, Tal-Sangola , Dist- Solapur Pin-413309

Contact-9850461529

Internship Certificate

This is to certify that Mr. Nikam Abhijeet Nanasaheb (PRN 2067561191037) is student of B.tech Civil Engineering in Fabtech Technical Campus , Sangola, has successfully completed his four week internship in our company.

During the period of internship he worked on construction site.

Deepakraje Construction


PROPRIETOR

Deepakraje Construction

DEEPAKRAJE CONSTRUCTION

Govt.Registered Contractor

A/p-Javala, Tal-Sangola , Dist- Solapur Pin-413309

Contact-9850461529

Internship Certificate

This is to certify that Mr.Babar Rohan Ashok
(PRN 1967561612049) is student of B.tech Civil Engineering
in Fabtech Technical Campus , Sangola, has successfully
completed his four week internship in our company.

During the period of internship he worked on road
construction.

Deepakraje Construction


PRP
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Office : 7 & 8, Sai Prasad CHS, Plot No. 98/2, S. N. Road, Panvel-410 206, Navi Mumbai. Tel.Fax - 022 2745 7077

Date: 05.01.2023

TO WHOMSOEVER IT MAY CONCERN

This is to Certify that **Miss Monika Nagnnath Raut**, was working as a Field trainer from **1st December 2022 till 31st December 2022** in our organization. During her stay, she was sincere and hard working. Her conduct and behavior are very satisfactory. We wish her ever success in her future career.

Thanking You,

For,



O7 Architects & Planners





M/S DHANRAJ CONSTRUCTION

ADDING SPARKLES TO EVERY PROJECTS

• DESIGN • ESTIMATION • CONTRACT •

Er Dhanaji Ankush Raut
B.E. & D.C.E. (Civil Engg)

Date: 13/09/2022

CERTIFICATE

This is to certify that, Miss. Tanuja Pravin Teke, T.E. D. Civil Branch has successfully completed training at my organization from 02/09/2022 to 13/09/2022.

She learns how to use AutoCAD & make drawing. She visits at our construction sites. During this training period, she found satisfactory. To best of my knowledge, she is honest & hard working. We wish her best future.


Er. Dhanaji A. Raut
(B.E. & D.C.E.)
Engineers & Contractors
Karkamb.Mo.9096709624



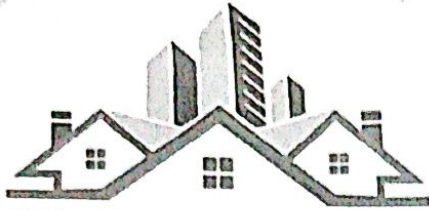
M/p Karkamb



Mo: 9096709624



dhanaconstruction@gmail.com



M/S DHANRAJ CONSTRUCTION

ADDING SPARKLES TO EVERY PROJECTS

• PLANNER & DEVELOPER •

Er Dhanaji Ankush Raut
B.E. & D.C.E (Civil Engg)

Date : 13/09/2022

CERTIFICATE

This is certify that Miss. Sonali Anna Yadav, T-E. Civil Branch has successfully completed training at my organization from 02/09/2022 to 13/09/2022. she learns how to use AutoCAD & make drawing. She visits at our construction sites. During this training period, She found satisfactory. To best of my knowledge, she is honest & hard working. We wish her best future.


Er. Dhanaji A. Raut
(B.E. & D.C.E)
Engineers & Contractors
Karkamb. Mo. 9096709624



A/p Karkamb



Mob : 9096709624



dhanajiraut95@gmail.com

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Ph. No. 9730878816, 9665934900.

Date : / / .

Web Site : www.niwarainfrastructure.com

Email : niwarainfrastructure999@gmail.com

This is to certify that, Miss. Priya Mahadev Jadhav, T.E. Civil Branch has successfully completed training at my organization from 02/09/2022 to 15/09/2022.

She learns how to use AutoCAD & make drawing. She visits at our construction sites. During this training period, She found satisfactory. To best of my knowledge, She is honest & hard working.

We wish her best future.

DEEPAKRAJE CONSTRUCTION

Govt.Registered Contractor

A/p-Javala, Tal-Sangola , Dist- Solapur Pin-413309

Contact-9850461529

Internship Certificate

This is to certify that Mr.Lavate Kantilal Bhagwan is student of B.tech Civil Engineering in Fabtech Technical Campus , Sangola, has successfully completed his four week internship in our company.

During the period of internship he worked on road construction.

Deepakraje Construction

PROPRIETOR

Deepakraje Construction

DEEPAKRAJE CONSTRUCTION

Govt.Registered Contractor

A/p-Javala, Tal-Sangola , Dist- Solapur Pin-413309

Contact-9850461529

Internship Certificate

This is to certify that Mr.Kolekar Nilesh Ananda is student of B.tech Civil Engineering in Fabtech Technical Campus , Sangola, has successfully completed his four week internship in our company.

During the period of internship he worked on road construction.

Deepakraje Construction

PROPRIETOR

Deepakraje Construction

DEEPAKRAJE CONSTRUCTION

Govt.Registered Contractor

A/p-Javala, Tal-Sangola , Dist- Solapur Pin-413309

Contact-9850461529

Internship Certificate

This is to certify that **Mr.Mane Gaurav Tukaram**

(PRN 1967561191035) is student of B.tech Civil Engineering in Fabtech Technical Campus , Sangola, has successfully completed his four week internship in our company.

During the period of internship he worked on road construction.

Deepakraje Construction


PROPRIETOR

Deepakraje Construction

ER.DAMU SHIVAJI MORE

(B.E.Civil)

Engineering & Gov.Reg. Contractor

A/P: Mahud bk, Tal Sangola

Dist:- Solapur 413306 Mob:-9096896204

Ref :

Date: / /

CERTIFICATE

This is to certify that, Miss. Priti Shankar Bhajanavale, T.E. D. Civil Branch has successfully completed training at my organization from 02/09/2022 to 01/12/2022.

She learns how to use AutoCAD & make drawing. She visits at our construction sites. During this training period, she found satisfactory. To best of my knowledge, she is honest & hard working.

We wish her best future.



Er. Damu S. More
Govt. Cont. & Civil Engg.

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Add. - Jalawali chmsk, karkarnb Tal- Pandharpur. Dist: Solapur. 413302

Date:- 12-09-2022

shrikantgulame08@gmail.com

The principle

Fabtech technical campus, Sangola.

Subject- Regarding industrial training of four week has completed in our organization for your engineering student.

Respected sir,

This letter is to certify that Akash Shivaji Salgar. student of fabtech technical campus, sangola, has successfully completed their industrial training which held at sangola and conducted 02-09-2022 to 12-09-2022

Thank You.

Shrikant S. Gulame
SHRIKANT S. GULAME
Civil Engineers & Contractor
Mob.No. 9049462769

Yours

Name— Er, Shrikant S. Gulame

ER.NAVNATH NARAYAN YEDAGE

Civil Engineer & Gov.Reg. Contractor

A/P:- Mahud bk,Tal-Sangola

Dist:- Solapur 413306 Mob:-8308216958 ,9284155087

Ref :

Date: / /

CERTIFICATE

This is to certify that, Miss. Savita Kencharaya Honkale, T.E.
D. Civil Branch has successfully completed training at my
organization from 02/09/2022 to 15/09/2022.

She learns how to use AutoCAD & make drawing. She visits
at our construction sites. During this training period, she found
satisfactory. To best of my knowledge, she is honest & hard
working.

We wish her best future.


Government Contractor

SG CONSTRUCTION

"WE ARE THE BEST TEAM, TO BUILD YOUR HOME"

CONS. CIVIL & ENGINEERS,
KARKAMB. CELL: 9049462769.

Add. - Jalawali chowk, karkamb, Tal- Pandharpur. Dist: Solapur. 413302

Date:- 12/09/2022

E-mail: shrikantgulame08@gmail.com

To,
The principle
Fabtech technical campus, Sangola.

Subject- Regarding industrial training of four week has completed in our organization for your engineering student.

Respected sir,

This letter is to certify that **Aarti Bhagwat Kambale**. student of fabtech technical campus, sangola, has successfully completed their industrial training which held at sangola and conducted 2/9/2022 to 15/09/2022.

Thank You.

Shrikant Gulame
SHRIKANT S. GULAME
Civil Engineers & Contractor
Mob.No. 9049462769

Yours

Name – Er. Shrikant S. Gulame



Miss. Supriya G. Shingate

Civil Engg. & Govt. Regd. Contractor

A/p. Karkamb Tal. Pandharpur, Dist. Solapur
Pin - 413 302 Mob. 9322664603

Date :- 16-09-2022.

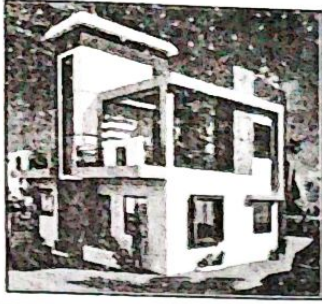
TO WHOM SO EVER IT MAY CONCERN

This is to certify that Kapadekar Shreyas Mukund.
He has **Student of Civil Engineering B-Tech, Fabtech Technical Campus College of Engineering & Research, Sangola.** Has Successfully Completed **One Month** internship.

During the period of internship with us he had been exposed to different process was found punctual hard working.

Miss. Supriya G. Shingate
Civil Engg. & Govt.
Regd. Contracto


S. S. CONSTRUCTION
Prop. Supriya G. Shingate
9322664603



Miss. Supriya G. Shingate

Civil Engg. & Govt. Regd. Contractor

A/p. Karkamb Tal. Pandharpur, Dist. Solapur

Pin - 413 302 Mob. 9322664603


Date :- 16-09-2022

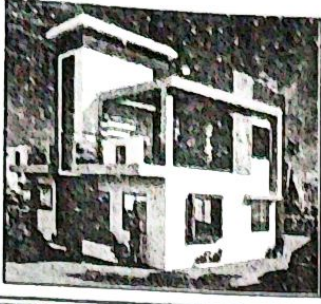
TO WHOM SO EVER IT MAY CONCERN

This is to certify that Kadam Soham Dilip Kumar
He has Student of Civil Engineering B-Tech, Fabtech Technical Campus College
of Engineering & Research, Sangola. Has Successfully Completed One Month
internship.

During the period of internship with us he had been exposed to different process
was found punctual hard working.

Miss. Supriya G. Shingate
Civil Engg. & Govt.
Regd. Contractro


S. S. CONSTRUCTION
Prop. Supriya G. Shingate
9322664603



Miss. Supriya G. Shingate

Civil Engg. & Govt. Regd. Contractor

A/p. Karkamb Tal. Pandharpur, Dist. Solapur

Pin - 413 302 Mob. 9322664603


Date :- 16-09-2022.

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Sayyad Davaldkyadil Jindapir
He has Student of Civil Engineering B-Tech, Fabtech Technical Campus College
of Engineering & Research, Sangola. Has Successfully Completed One Month
internship.

During the period of internship with us he had been exposed to different process
was found punctual hard working.

Miss. Supriya G. Shingate
Civil Engg. & Govt.
Regd. Contractro


S. S. CONSTRUCTION
Prop. Supriya G. Shingate
9322664603



Regd. No. 11 - 91-14:

KOLBRO GROUP

Nagpur : 215, Satyam Apartment, Dhantoli, Wardha Road, Nagpur -440012

Email: kolbro.group@gmail.com Web: www.kolbrogroup.com

Date : 07 Nov 2022

Job Offer Letter

Dear Ganesh Saudagar,

With reference to your interview dated 03 Nov 2022 We are pleased to offer you the Position of **Surveyor** at Kolbro Group for the location **Malegaon Nashik Division**. We feel confident that you will contribute your skills and experience towards the growth of our organization.

As per the discussion, your joining date will be on **10 Nov 2022** and salary at the beginning will be **Rs.13,000/-per Month**.

Please confirm your acceptance of this offer by signing and returning the copy of this offer letter.

We look forward to welcoming you on board.

Sincerely,

For Kolbro Group





Regd. No. II - 91-14:

KOLBRO GROUP

Nagpur : 215, Satyam Apartment, Dhantoli, Wardha Road, Nagpur -440012

Email: kolbro.group@gmail.com Web: www.kolbrogroup.com

Date : 12 Nov 2022

Job Offer Letter

Dear **Gotyal Vinod**,

With reference to your interview dated 03 Nov 2022 We are pleased to offer you the Position of **Surveyor** at Kolbro Group for the location **Mailegaon Nashik Division**. We feel confident that you will contribute your skills and experience towards the growth of our organization.

As per the discussion, your joining date will be on **14 Nov 2022** and salary at the beginning will be **Rs.13,000/-per Month**.

Please confirm your acceptance of this offer by signing and returning the copy of this offer letter.

We look forward to welcoming you on board.

Sincerely,

For Kolbro Group





GOVARDHAN CONSULTANT

Gopalpur, Pandharpur, Dist. Solapur- 413304 Mo. 9975042346

Email id: ges.gpr77@gmail.com | Website: www.govardhanconsultant.com

CERTIFICATE

C.No: GC/CETTR/GD/110

This Is To Certify That

Mr. Rohit Ravasaheb Metkari

Has Successfully Completed The Certificate Course On "Industrial Training" Organized By Govardhan Consultant Pandharpur,
From 3rd September To 3rd October 2022.

03/10/2022

Date

Mr. D.B. Borkar

Director



GOVARDHAN CONSULTANT

Gopalpur, Pandharpur, Dist. Solapur- 413304 Mo. 9975042346

Email id: gcs.gpr77@gmail.com | Website: www.govardhanconsultant.com

CERTIFICATE

C.No: GC/CETTR/GI/110

This Is To Certify That

Mr. Dinesh Gunda Khandekar

Has Successfully Completed The Certificate Course On "Industrial Training" Organized By Govardhan Consultant Pandharpur,
From 3rd September To 3rd October 2022.

03/10/2022

Date

Mr. D.B. Borkar

Director



GOVARDHAN CONSULTANT

Gopalpur, Pandharpur. Dist. Solapur- 413304 Mo. 9975042346

Email id: gcs.gpr77@gmail.com | Website: www.govardhanconsultant.com

CERTIFICATE

C.No: GC/CE/ITR/G1/110

This Is To Certify That

Mr. Rahul Uttam Kambale

Has Successfully Completed The Certificate Course On "Industrial Training" Organized By Govardhan Consultant Pandharpur,
From 3rd September To 3rd October 2022.

03/10/2022

Date

Mr. D.B. Borkar

Director



GOVARDHAN CONSULTANT

Gopalpur, Pandharpur. Dist. Solapur- 413304 Mo. 9975042346

Email id: gcs.gpr77@gmail.com | Website: www.govardhanconsultant.com

CERTIFICATE

C.No: GC/CE/ITR/GM/110

This Is To Certify That

Mr. Vishwanath Bhanudas Jagadhane

Has Successfully Completed The Certificate Course On "Industrial Training" Organized By Govardhan Consultant Pandharpur.
From 3rd September To 3rd October 2022.

03/10/2022

Date

Mr. D.B. Borkar

Director

31st dec 2022

INTERNSHIP LETTER

We are pleased to offer an Internship to **Mr/Miss. Saurabh Kolawale** at our organization **IT Education Centre** in **“Software Testing”** for a period of 6 months from **1st Jan 2023 to 1st July 2023**. So by mentioning here the company cannot give confidential data to employees like source code database and other project related things.

The terms and conditions of your Internship with the company are set forth below:

- 1) Subject to your acceptance of the terms and conditions herein, your project and responsibilities during the term will be determined by the supervisor assigned to you for the duration of the internship.
- 2) You are required to submit the Aadhar Card and Pan Card following the timings from 10am to 3pm from Monday to Friday.
- 3) You are liable to sign this Internship Agreement with our company before you Commence your Internship.
- 4) This would be a clear Internship Agreement and not an employment offer with the IT Education Centre.
- 5) This Internship would not be an paid Internship, so no stipend provided during the Internship period.

Kindly send your acceptance for the terms and conditions by 31st Dec failing which we have the right to cancel the Internship. We would like to have you in our team.

Authorized Signature

Shubhangi A
IEC | HR Manager

8010439325

www.iteducationcentre.com

3rd Floor, Renuka Complex, D-0,
Jangali Maharaj Rd, opp. MC Donalds,
Sud Nagar, Shivajinagar, Pune, Maharashtra 411005



Tech9 Solution

A-133, Ashoka Plaza, Nagar Road, next
to Ibis Hotel, Vimannagar Pune 411014

Ref. No. : Intern/2023-24/6

Date : 18th May 2023

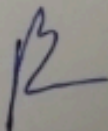
TO WHOMSOEVER IT MAY CONCERN

This is to confirm that **Laxmi Bamnale** is selected for "Internship" and will be doing internship from 30th March 2023 onwards for a period of 6 months.

During Internship, she will be provided training on required full stack java technologies and will be assigned to work on projects as per our requirements.

During this internship no stipend or salary will be provided.

For Tech9 Solution



Authorised Signatory



Ref.: -GS/HR/2023/03/29

Date:15/02/2023

To

Mayuri Anadrav Patil

A/P Marapur, Mangalwedha

Solapur-413305.

Subject: Internship Appointment Letter

Dear Mayuri,

We are pleased to offer you internship as a **Software Trainee** at **G Soft Solution Pvt Ltd.**

Your date of Joining will be **15th February 2023.**

During your internship, you are required to maintain utmost secrecy in respect of our company's project details and any of its technical and important information.

Should you find the above terms and conditions acceptable, please sign and return the duplicate of this copy of appointment for our filing.

We look forward to your contribution towards the success of this company and welcome you in joining our team.

For G Soft Solution Pvt Ltd.

Authorized Signature

Ref.: -GS/HR/2023/03/30

Date: 15/02/2023

To

Shruti Sadashiv Adling

A/P Kondhej, Karmala

Solapur-413202.

Subject: Internship Appointment Letter

Dear Shruti,

We are pleased to offer you internship as a **Software Trainee** at **G Soft Solution Pvt Ltd.**

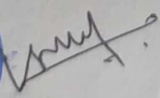
Your date of Joining will be **15th February 2023.**

During your internship, you are required to maintain utmost secrecy in respect of our company's project details and any of its technical and important information.

Should you find the above terms and conditions acceptable, please sign and return the duplicate of this copy of appointment for our filing.

We look forward to your contribution towards the success of this company and welcome you in joining our team.

For G Soft Solution Pvt Ltd.



Authorized Signature



Submatix Technologies

THE FUTURE BELONGS TO US

Reg. Address: Office No. B 1002, 10th Floor, Ashtavinayak City, Phase 1, Hadapsar, Pune – 412308

+91-8983342328

hr@submatix.in

<https://submatix.in/>

Date: 16-02-2023

Internship Offer Letter

Dear **Komal Maske**,

We are pleased to confirm that you have been selected in our organization **Submatix Technologies Pvt. Ltd.**, as **Intern** for a fixed period of **Six Month's** from **20th Feb'2023**. Initially this will be an **unpaid work-from-home** internship.

Also if we found your performance as good and as per our guidelines then you will be eligible for another Six Months of extended internship from our organization which will be paid and package details will be confirmed to you post your interview and selection process time to time.

Your Internship responsibilities and duties are as follows:

- Assist in the development and maintenance of software applications
- Assist in the testing of new or modified programs to ensure that logic and syntax are correct, and that program results are accurate
- Assist in the preparation of detailed specifications from which programs will be written
- Assist senior programmers in the design of programs
- Use microcomputer and mainframe systems for the purpose of developing, testing, and implementing application programs
- Assist in the installation of new or modified hardware and software products
- Assist senior technicians in the resolution of technical problems

Other Important Guidelines:

- You are required to share daily status without failing to follow your lead.
- There will be 5 working day's in week.
- You are not allowed to pursue any other Internship/Job within the tenure of this internship.
- You are required to complete your tenure mentioned in the offer letter, to be eligible to receive the completion certificate and LoR.

Submatix Technologies Pvt Ltd.

HR-Manager

Ref No : Intern/2023/011

Date : 11th April 2023

INTERNSHIP OFFER LETTER

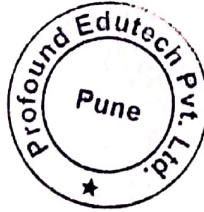
This is to inform that **Nilesh Raut** is selected for Internship from 25th November 2022 onwards for a period of 6 months..

During Internship, he has to report to office daily from Monday to Saturday and has to undergo training and work on required full stack Java technologies.

During this internship, no stipend or salary will be paid.

For Profound Edutech Pvt Ltd,


Authorized Signatory





Submatix Technologies

THE FUTURE BELONGS TO US

Reg. Address: Office No. B 1002, 10th Floor, Ashtavinayak City, Phase 1, Hadapsar, Pune – 412308

+91-8983342328

hr@submatix.in

<https://submatix.in/>

Date: 17-01-2023

Offer Letter

Dear **Indrajit Balaso Kesar**,

We are pleased to confirm that you have been selected in our organization **Submatix Technologies Pvt. Ltd.**, as **Software Engineer – Trainee** for a fixed period of employment as per interview conducted on 12th Jan'2023, on the following terms and conditions.

1. The term of your employment shall be valid initially from 01-02-2023 to 31-01-2024. Notwithstanding this, in the event of the project/work/deputation for which you are being employed inevitable rules and regulations of the our organization.
2. You shall report to work on **01-02-2023** at **9.00 a.m.** at **Submatix Technologies Pvt. Ltd, Pune.**
3. Initially for one year, it will be **work from home** also as per company/client requirement you may need to be available for work from office as well as per timely communication by our HR team.
4. You will be on probation period for initial 6 month's also after successful completion of probation period you will be considered as permanent candidate with **Package of 3.60 L Per annum.** Also during probation period you will be undergone with multiple training's and certification program's.
4. This contract shall be terminable by either party giving 30 day's notice in writing or salary in lieu of notice, to the other party.
6. You will be governed by the policies of the client's organization with respect to leaves and holidays.
7. These terms and conditions would be deemed accepted /acknowledged in case we do not receive your response within 15 days from the date of issue of this letter.

Submatix Technologies Pvt Ltd.

Alok Honrao
CEO

I hereby accept the above-mentioned terms and conditions.

Name: _____ **Signature:** _____ **Date:** _____



This is to certify that

Sushant Shendage

has successfully completed training of the **Barclays LifeSkills Programme**
conducted by **GTT Foundation** at **Fabtech College of Engineering, Sangola.**

We wish the participant a very successful career ahead.

Date: 04/07/2021



A handwritten signature in black ink that reads 'Uma Ganesh'.

Dr. Uma Ganesh

Principal Trustee,
GTT Foundation

Supported by
 BARCLAYS



CERTIFICATE OF INTERNSHIP

This certificate is proudly Presented to

Pranali Ankush Ghadage

For Successfully Completing an Internship On

Java Development

From **01/07/2023** To **31/07/2023** At TechnoHacks EduTech.
During This Internship, We Found Him/Her Consistent And
Hardworking. We Wish All The Best For Future Endeavors.

Founder
TechnoHacks EduTech



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम

01/08/2023

Date



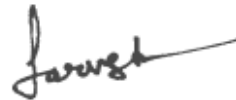
Certificate of Training

Sadanand Pawar

has successfully completed a 6-week online training on **UI/UX Design**. The training consisted of Design Basics, Design with Figma, Creating your Design System, Design a Finance App of your own, Web Design, What to do Next, and The Final Project modules.

In the final assessment, Sadanand scored 54% marks.

We wish Sadanand all the best for future endeavours.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2023-09-30

Certificate no. : f79szfvfoel

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

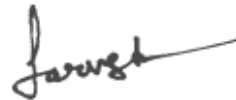
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We wish Sadanand all the best for future endeavours.

A handwritten signature in black ink, appearing to read "Sarvesh".

Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

Date of certification: 2023-09-30

Certificate no. : f79szfvfoel

For certificate authentication, please visit https://trainings.internshala.com/verify_certificate

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Jagtap Pratiksha Ashokrao

has successfully completed 4 weeks of a virtual internship program in
Web Development

with wonderful remarks at **CODSOFT** from 10/08/2023 to 10/09/2023.

We were truly amazed by his/her showcased skills and invaluable contributions to
the tasks and projects throughout the internship.



Founder



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम

CERTIFICATE

OF COMPLETION
PROUDLY PRESENTED TO

Jagtap Pratiksha Ashokrao

has successfully completed 4 weeks of a virtual internship program in
Web Development

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We were truly amazed by his/her showcased skills and invaluable contributions to
the tasks and projects throughout the internship.



Founder



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम



(A Govt. Maharashtra Undertaking)

Maharashtra State Electricity Dist. Co. Ltd O&M Sub-Division, Sangola
Pandharpur Road, Opp. Market Yard, Sangola, Tal-Sangola, Dist-Solapur
Phone No. Office- 02187 (220224), sdo6343@ho.mahadiscom.in

DYEE/SGL/TS/

To,

No 02969

Dt.

Miss. Akanksha Annaso Kadam

9 DEC 2022

CERTIFICATE OF INPLANT TRAINING

This is to certify that To, Miss. Akanksha Annaso Kadam
Of Electrical Engineering Branch has successfully completed
Industrial training from **01.09.2022 to 15.09.2022** at 33/11 Kv
Sangola Urban Pandharpur Road sub station of mahavitrans
Sangola Sub Division.

During this period of training her work found
satisfactory.

Dy. Executive Engineer
(Ahmed L. Pawar)
MS E.D. Co. Ltd, Sangola
O & M Sub Div. Sangola



FABTECH PROJECTS & ENGINEERS LTD.



(TEXTILE DIVISION)

♦ Works :- Gat No. 620/621, At Post-Ekhatpur Tal. Sangola
Dist. Solapur-413307. Maharashtra, India.

Date:-13-09-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Mulani Mumtaj Raju a Student of **Fabtech Technical Campus College of Engineering & Research, Sangola, Maharashtra**. He Has Completed Internship Training in Spinning Division.

He has carried out Industrial Training from Sep 1, 2022 to 10 Sep 2022, In **Fabtech Projects & Engineers Ltd. (Textile Division) Ekhatpur.**

For FABTECH PROJECTS & ENGINEERS LTD,

(TEXTILE DIVISION)


Manager HR





FABTECH PROJECTS & ENGINEERS LTD.



(TEXTILE DIVISION)

♦ Works :- Gat No. 620/621, At Post-Ekhatpur Tal. Sangola
Dist. Solapur-413307. Maharashtra, India.

Date:-13-09-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.Pawar Swapnil Dilip a Student of **Fabtech Technical Campus College of Engineering & Research, Sangola, Maharashtra**. He Has Completed Internship Training in Spinning Division.

He has carried out Industrial Training from Sep 1, 2022 to 10 Sep 2022, In **Fabtech Projects & Engineers Ltd. (Textile Division) Ekhatpur.**

For **FABTECH PROJECTS & ENGINEERS LTD,**

(TEXTILE DIVISION)

Dile
Manager HR





FABTECH PROJECTS & ENGINEERS LTD.



(TEXTILE DIVISION)

♦ Works :- Gat No. 620/621, At Post-Ekhatpur Tal. Sangola
Dist. Solapur-413307. Maharashtra, India.

Date:-8-09-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Salve Vaibhavi Laxman a Student of **Fabtech Technical Campus College of Engineering & Research, Sangola**, Maharashtra. He Has Completed Internship Training in Spinning Division.

He has carried out Industrial Training from Aug 28, 2022 To 8 Sep 2022, In **Fabtech Projects & Engineers Ltd.** (Textile Division) Ekhatpur.

For **FABTECH PROJECTS & ENGINEERS LTD,**

(TEXTILE DIVISION)


Manager HR





FABTECH PROJECTS & ENGINEERS LTD.



(TEXTILE DIVISION)

♦ **Works :-** Gat No. 620/621, At Post-Ekhatpur Tal. Sangola
Dist. Solapur-413307. Maharashtra, India.

Date:-13-09-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Babar Snehal Sangram a Student of **Fabtech Technical Campus College of Engineering & Research, Sangola, Maharashtra**. He Has Completed Internship Training in Spinning Division.

He has carried out Industrial Training from Sep 1, 2022 to 10 Sep 2022, In **Fabtech Projects & Engineers Ltd. (Textile Division) Ekhatpur.**

For **FABTECH PROJECTS & ENGINEERS LTD,**

(TEXTILE DIVISION)


Manager HR





FABTECH PROJECTS & ENGINEERS LTD.



(TEXTILE DIVISION)

♦ Works :- Gat No. 620/621, At Post-Ekhatpur Tal. Sangola
Dist. Solapur-413307. Maharashtra, India.

Date:-13-09-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Sonali Bandopant Sawant a Student of **Fabtech Technical Campus College of Engineering & Research, Sangola, Maharashtra**. He Has Completed Internship Training in Spinning Division.

He has carried out Industrial Training from Sep 1, 2022 to 10 Sep 2022, In **Fabtech Projects & Engineers Ltd. (Textile Division) Ekhatpur.**

For FABTECH PROJECTS & ENGINEERS LTD,

(TEXTILE DIVISION)


Manager HR





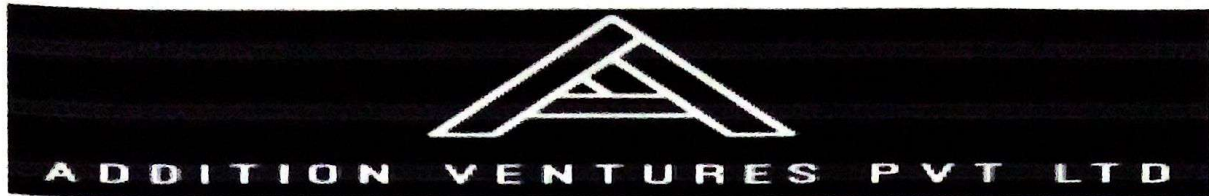
Certificate of Internship Completion

This is to certify that Mr. Kuchekar Tejas Sampat has Successfully completed 2 Week internship on "**Software Testing**" from Sept 3th 2022 to Sept 15th 2022 at

ADDITION VENTURES PVT LTD

Students learn Software Testing (Manual and Automation) during the internship. We have found him performance was found satisfactory during the above mentioned internship period.

Mr. Suraj Patil
Managing Director & CEO
Date: 15.09.2022



Certificate of Internship Completion

This is to certify that Miss. Kuchekar Snehal Sampat has Successfully completed 2 Week internship on "**Software Testing**" from Sept 3th 2022 to Sept 15th 2022 at

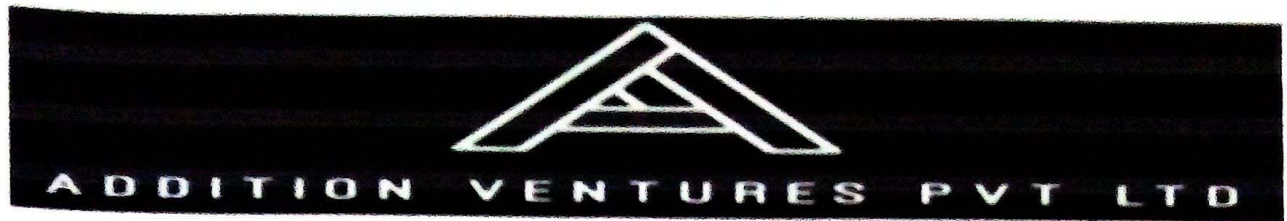
ADDITION VENTURES PVT LTD

Students learn Software Testing (Manual and Automation) during the internship. We have found her performance was found satisfactory during the above mentioned internship period.

A handwritten signature in black ink, appearing to read "Suraj Patil", is positioned above the printed name.

Mr. Suraj Patil
Managing Director & CEO

Date: 15.09.2022



Certificate of Internship Completion

This is to certify that Mr. Pathan Shohebkhani Wajidkhan has Successfully completed 2 Week internship on "**Software Testing**" from Sept 3th 2022 to Sept 15th 2022 at

ADDITION VENTURES PVT LTD

Students learn Software Testing (Manual and Automation) during the internship. We have found him performance was found satisfactory during the above mentioned internship period.

Mr. Suraj Patil
Managing Director & CEO
Date: 15.09.2022



(A Govt. Maharashtra Undertaking)

Maharashtra State Electricity Dist. Co. Ltd O&M Sub-Division, Sangola
Pandharpur Road, Opp. Market Yard, Sangola, Tal-Sangola, Dist-Solapur
Phone No. Office- 02187 (220224), sdo6343@ho.mahadiscom.in



DYEE/SGL/TS/

No 02060

DT 13 SEP 2022

CERTIFICATE OF INDUSTRIAL INTERSHIP

This is to certify that Kum. Sakshi Rajendra kohale ,second Year Student of Electronics & Telecommunication For Fabtechnical campus college of engineering & research has successfully completed 15 Days Industrial Intership training Form from 01.09.2022 TO 15.09.2022 At 33/11 KV Sangola urban Pandharpur road Substation of Mahavitran Sangola Sub Division.

During this period of training his work found satisfactory.


Deputy Engineer
Dy. Executive Engineer
O & M Office Sangola Sub Division
Pandharpur Road, Opp. Market Yard, Sangola
M. S. E. D. Co. Ltd. Sangola
Sangola-413307



(A Govt. Maharashtra Undertaking)

Maharashtra State Electricity Dist. Co. Ltd O&M Sub-Division, Sangola
Pandharpur Road, Opp. Market Yard, Sangola, Tal-Sangola, Dist-Solapur
Phone No. Office- 02187 (220224), sdo6343@ho.mahadiscom.in



DYEE/SGL/TS/

No 02265

Dt. 12 9 SEP 2022

CERTIFICATE OF INDUSTRIAL INTERSHIP

This is to certify that Kum. Aarti Mahaling Gavali, second Year Student of Electronics & Telecommunication For Fabtechnical campus college of engineering & research has successfully completed 15 Days Industrial Intership training Form from 08.09.2022 to 23.09.2022 At 33/11 KV Sangola urban Pandharpur road Substation of Mahavitrans Sangola Sub Division.

During this period of training his work found satisfactory.

Dy. Executive Engineer
M. S. E. D. Co. Ltd. Sangola



(A Govt. Maharashtra Undertaking)

Maharashtra State Electricity Dist. Co. Ltd O&M Sub-Division, Sangola

Pandharpur Road, Opp. Market Yard, Sangola, Tal-Sangola, Dist-Solapur

Phone No. Office- 02187 (220224), sdo6343@ho.mahadiscom.in



DYEE/SGL/TS/

Dt.

13 SEP 2022

No 02062

CERTIFICATE

OF INDUSTRIAL INTERSHIP

This is to certify that Kum. Dipali Anandrao Ingole, second Year Student of Electronics & Telecommunication For Fabtechnical campus college of engineering & research has successfully completed 15 Days Industrial Intership training from 01.09.2022 to 15.09.2022 At 33/11 KV Sangola urban Pandharpur road Substation of Mahavitrans Sangola Sub Division.

During this period of training his work found satisfactory.


Deputy Executive Engineer
M.S.E.D. Co. Ltd.
O & M Office Sangola Sub Division
Pandharpur Road, Opp. Market Yard, Sangola
Sangola-413307



(A Govt. Maharashtra Undertaking)

Maharashtra State Electricity Dist. Co. Ltd O&M Sub-Division, Sangola
Pandharpur Road, Opp. Market Yard, Sangola, Tal-Sangola, Dist-Solapur
Phone No. Office- 02187 (220224), sdo6343@ho.mahadiscom.in



DYEE/SGL/TS/

No 020611

Dt. 13 SEP 2022

CERTIFICATE OF INDUSTRIAL INTERSHIP

This is to certify that Kum. Bhagyashri Fattatrya Madane, second Year Student of Electronics & Telecommunication For Fabtechnical campus college of engineering & research has successfully completed 15 Days Industrial Intership training Form from 01.09.2022 to 15.09.2022 At 33/11 KV Sangola urban Pandharpur road Substation of Mahavitran Sangola Sub Division.

During this period of training his work found satisfactory.


Deputy Engineer
Dy. Executive Engineer
O & M Office Sangola Sub Division
Pandharpur Road, Opp. Market Yard
Sangola-413307
M. S. E. D. Co. Ltd. Sangola



MAHADISCOM
Maharashtra State Electricity Distribution Co. Ltd.

(A Govt. Maharashtra Undertaking)

Maharashtra State Electricity Dist. Co. Ltd O&M Sub-Division, Sangola
Pandharpur Road, Opp. Market Yard, Sangola, Tal-Sangola, Dist-Solapur
Phone No. Office- 02187 (220224), sdo6343@ho.mahadiscom.in

DYEE/SGL/TS/

No 0 2 2 6 4

Dt.

29 SEP 2022

CERTIFICATE OF INDUSTRIAL INTERSHIP

This is to certify that Kum. Swati Dnyaneshwar Lokhande, second Year Student of Electronics & Telecommunication For Fabtechnical campus college of engineering & research has successfully completed 15 Days Industrial Intership training Form from 08.09.2022 to 23.09.2022 At 33/11 KV Sangola urban Pandharpur road Substation of Mahavitran Sangola Sub Division.

During this period of training his work found satisfactory.

**Dy. Executive Engineer
M. S. E. D. Co. Ltd. Sangola**

SkillUP

by Simplilearn

Declaration of Completion Usha Ravasahab Hipparkar

has successfully completed the online course:

Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

12th Sep 2022

Certificate code : 3764242



Krishna Kumar
CEO

SkillUP

by Simplilearn

Declaration of Completion

Jadhav Arti Ramesh

has successfully completed the online course:

Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

12th Sep 2022

Certificate code : 3764242



Krishna Kumar
CEO



EMERSON Electrical & Services

S.No-41/2/4, Flat No-304, Sairaj Residency, Manaji Nagar, Narhe, Pune-411041
Mobile-8421315796, Email- emerson.elect9@gmail.com

Date-15/09/2022

CERTIFICATE OF INDUSTRIAL INTERSHIP

*This is to certify that Kum.Sushmita Ankush Lendave,
Second year student of Electronics & Telecommunication for Fabtech Campus
college of Engineering & Research has successfully complete 15 Days Industrial Inter
ship training from 01/09/2022 To 15/09/2022 At EMERSON ELECTRICAL AND
SERVICES.*

During this period of training his work found Satisfactory.

For: EMERSON ELECTRICAL AND SERVICES



Authorized Signature



by Simplilearn

Declaration of Completion

Anand Khule

has successfully completed the online course:

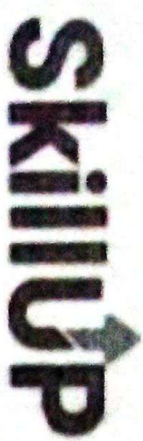
Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

05th Sep 2022

Certificate code : 3747603

Krishna Kumar
CEO,



by Simplilearn

Declaration of Completion

Rahul Tammaji Devkate

has successfully completed the online course:

Machine learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

12th Sep 2022

Certificate code : 3764242

A handwritten signature in black ink, appearing to be "Krishna Kumar".

Krishna Kumar
CEO

SkillUP

by Simplilearn

Declaration of Completion

Ingawale Sandeep Mohan

has successfully completed the online course:

Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

07th Sep 2022

Certificate code : 3752106


Krishna Kumar

CEO

SkillUP

by Simplilearn

Declaration of Completion **Dudhal Navnath Ankush**

has successfully completed the online course;

Machine Learning

This professional has demonstrated initiative and a commitment to deepening their skills and advancing their career. Well done!

08th Sep 2022


Krishna Kumar
CEO



FABTECH PROJECTS & ENGINEERS LTD.



(TEXTILE DIVISION)

♦ Works :- Gat No. 620/621, At Post-Ekhatpur Tal. Sangola
Dist. Solapur-413307. Maharashtra, India.

Date:-13-09-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Bansode Gauri Mruti a Student of **Fabtech Technical Campus College of Engineering & Research, Sangola, Maharashtra**. He Has Completed Internship Training in Spinning Division.

He has carried out Industrial Training from Sep 1, 2022 to 10 Sep 2022, In **Fabtech Projects & Engineers Ltd. (Textile Division) Ekhatpur.**

For **FABTECH PROJECTS & ENGINEERS LTD,**

(TEXTILE DIVISION)


Manager HR





FABTECH PROJECTS & ENGINEERS LTD.



(TEXTILE DIVISION)

♦ Works :- Gat No. 620/621, At Post-Ekhatpur Tal. Sangola
Dist. Solapur-413307. Maharashtra, India.

Date:-13-09-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Anuja Devanand Khandekar a Student of **Fabtech Technical Campus College of Engineering & Research, Sangola, Maharashtra**. He Has Completed Internship Training in Spinning Division.

He has carried out Industrial Training from Sep 1, 2022 to 10 Sep 2022, In **Fabtech Projects & Engineers Ltd. (Textile Division) Ekhatpur.**

For **FABTECH PROJECTS & ENGINEERS LTD,**

(TEXTILE DIVISION)


Manager HR





FABTECH PROJECTS & ENGINEERS LTD.



(TEXTILE DIVISION)

- Works : Gal No. 620/621, At Post-Ekhatpur Tal. Sangola
Dist. Solapur-413307, Maharashtra, India.

Date:-13-09-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Aiwale Namrta Hanumant a Student of **Fabtech Technical Campus College of Engineering & Research, Sangola, Maharashtra**. He Has Completed Internship Training in Spinning Division.

He has carried out Industrial Training from Sep 1, 2022 to 10 Sep 2022, In **Fabtech Projects & Engineers Ltd. (Textile Division) Ekhatpur.**

For **FABTECH PROJECTS & ENGINEERS LTD,**

(TEXTILE DIVISION)


Manager HR





FABTECH PROJECTS & ENGINEERS LTD.



(TEXTILE DIVISION)

● Works :- Gat No. 620/621, At Post-Ekhatpur Tal. Sangola
Dist. Solapur-413307. Maharashtra, India.

Date:-8-09-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Miss.Chavan Sanika Hanmant a Student of **Fabtech Technical Campus College of Engineering & Research, Sangola, Maharashtra.** He Has Completed Internship Training in Spinning Division.

He has carried out Industrial Training from Aug 28, 2022 To 8 Sep 2022, In **Fabtech Projects & Engineers Ltd. (Textile Division) Ekhatpur.**

For **FABTECH PROJECTS & ENGINEERS LTD,**

(TEXTILE DIVISION)


Manager HR





सीलापूर तांत्रिक अप्रेंटिस स्वयंरोजगार, सह.संस्था मर्या, सीलापूर.

नोंदणी क्रमांक: एस.यु.आर/जी.एन.एल/(ओ)११०/२०१७

PAN NO: AAXAS5838E | GST NO: 27AAXAS5838E1ZT | M.C.MO:36826

E-Mail : solapurtantrik3374@gmail.com

जावक क्र: 172

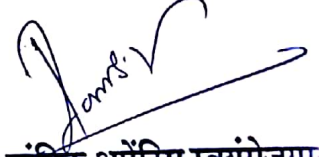
दि.24/09/2022

Certificate

This is to certify that, **Mr. Mane Shubham Kumar**, had worked with us from **01/09/2022 to 25/09/2022** as a trainee Electrical Engineer from **Fabtech Technical Campus College of Engineering & Research Sangola**.

During the tenure mentioned above, He was sincere with his duties and was a valuable member in our organization. He has a good knowledge of basic practical things required in the field of an Electrical Engineering.

We wish him success in future....


सीलापूर तांत्रिक अप्रेंटिस स्वयंरोजगार
सहकारी संस्था मर्या.सीलापूर

रजि.ऑफिस: मु.पो.रहाटेवाडी,ता.मंगळवेढा,जि.सीलापूर,मो.८२०८४५४२५१,
कापिरिट ऑफिस: गाळा नं.६.मार्केट यार्ड,M.S.E.B समोर,मंगळवेढा-पंढरपूर रोड,मंगळवेढा,जि.सीलापूर



सीलापूर तांत्रिक अप्रेंटिस स्वयंरोजगार, सह.संस्था मर्या, सीलापूर.

नोंदणी क्रमांक: एस.यु.आर/जी.एन.एल/(ओ)११०/२०१७

PAN NO: AAXAS5838E | GST NO: 27AAXAS5838E1ZT | M.C.MO:36826

E-Mail : solapurtantrik3374@gmail.com

जावक क्र: १७३


दि. 26/09/2022

Certificate

This is to certify that, **Mr. Vasekar Rahul Navnath**, had worked with us from **01/09/2022 to 25/09/2022** as a trainee Electrical Engineer from **Fabtech Technical Campus College of Engineering & Research Sangola**.

During the tenure mentioned above, He was sincere with his duties and was a valuable member in our organization. He has a good knowledge of basic practical things required in the field of an Electrical Engineering.

We wish him success in future....


सीलापूर तांत्रिक अप्रेंटिस स्वयंरोजगार
सहकारी संस्था मर्या.सीलापूर

रजि.ऑफिस: मु.पो.रहाटेवाडी, ता.मंगळवेढा, जि.सीलापूर, मो.८२०८४५४२५१,
कार्पोरेट ऑफिस: गाला नं.६.मार्केट यार्ड, M.S.E.B समोर, मंगळवेढा-पंढरपूर रोड, मंगळवेढा, जि.सीलापूर

UNDREENTERPRISES

Sudershan Soc, Road no-1, Sane Chowk Akurdi-Chikhali Road Chikhali, Pune-411062 Email:
amitundre@gmail.com, sales.undreenterprises@gmail.com
Phone No 020-27492045 Mob-94044241944

Vocational Training Certificate

This is to certify that **Mr. khutekar birappa dundappa** has been employed in UENDRE ENTERPRISES as trainee engineer in technical department during the period of-1 sept to 30 sept. Has skill qualification proved successfully regarding a task assigned to him.

This certificate was issued to him upon his own request to be submitted. It may be concerned without any liability towards the other.

Date-28-9-2022

Name-Amit undre

Title-Director

UNDREENTERPRISES

Sudershan Soc, Road no-1, Sane Chowk Akurdi- Chikhali Road Chikhali, Pune-411062 Email:
amitundre@gmail.com, sales.undreenterprises@gmail.com
Phone No 020-27492045 Mob-94044241944

Vocational Training Certificate

This is to certify that **Mr. Parse Niranjana Bajarang** has been employed in UENDRE ENTERPRISES as trainee engineer in technical department during the period of-1 sept to 30 sept Has skill qualification proved successfully regarding a task assigned to him

This certificate was issued to him upon his own request to be submitted him it may be concerned without any liability towards the other.

Date-28-9-2022

Name-Amit undre

Title-Director

UNDREENTERPRISES

Sudershan Soc, Road no-1, Sane Chowk Akurdi- Chikhali Road Chikhali, Pune-411062 Email:

amitundre@gmail.com, sales.undreenterprises@gmail.com

Phone No 020-27492045 Mob-94044241944

Vocational Training Certificate

This is to certify that **Mr. Halake Suprit Vitthal** has been employed in UENDRE ENTERPRISES as trainee engineer in technical department during the period of 1 sept to 30 sept. Has skill qualification proved successfully regarding a task assigned to him.

This certificate was issued to him upon his own request to be submitted. It may be concerned without any liability towards the other.

Date-28-9-2022

Name-Amit Undre

Title-Director

THOSAR LABOUR CONTRACTOR

Regd. Office : "Pandhari-Smruti", Behind Hotel Sagar,
Samarth Nagar, Shriram Chowk, Pipeline Road, A'Nagar-414 003.

Mr. Sachin Thosar
B.Com, LLB, DLL&LW,
MBA (HRD)
Cell : 9689999899
E-mail ID - spthosar2005@gmail.com

Skilled & Technical Manpower
Mechanised Housekeeping
Industrial Supply
Placement & Staffing

PF CODE No.-MH / NSK / 22514

GST NO. 27ACGPT1789F126

PAN NO. - ACGPT1789F

02/11/2021

EXPERIENCE CERTIFICATE

This is to certify that **Mr. Rahul Kushaba Shivsharan** has been employed in **LARSEN & TOUBRO LIMITED AHMEDNAGAR**, as **Asst. Technician** in technical Department during the period of Sep 2020 to Oct 2021.

His skill and qualifications proved Successful with regards to task assigned to him.

This certificate was issued to him upon his own request to be submitted to whom it may concern without any liabilities towards others.

For Thosar Labour Contractor


Proprietor



M LIGHTS LED MANUFACTURING

Ekhatpur Road Maske Colony Sangola Tal.Sangola

Email-mlights1710@gmail.com

Mob- 8482941705,8855081710



Reg.No: MH-32-0007816

Date : 28/09/22

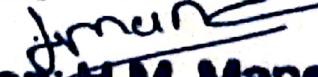
CERTIFICATE

This is to certify that **Sagar Machhindra Daund** , student of Last Year Electrical Engineering From **Fabtech Technical Campus Sangola Tal, Sangola** has successfully completed his vocational Training in our company from date 30/08/2022 to 28/09/2022 in his training period we found his quite interested in his work.

His performance is excellent and appreciable. We wish him All THE BEST for her future

(signature)

M.Lights,Sangola


Prop: H.M. Mane



M LIGHTS LED MANUFACTURING

Ekhatpur Road Maske Colony Sangola Tal.Sangola

Email-mlights1710@gmail.com

Mob- 8482941705,8855081710



Reg.No: MH-32-0007816

Date : 28/09/22

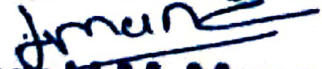
CERTIFICATE

This is to certify that **Pradip Babu Jadhav** , student of Last Year Electrical Engineering From **Fabtech Technical Campus Sangola Tal, Sangola** has successfully completed his vocational Training in our company from date 30/08/2022 to 28/09/2022 in his training period we found his quite interested in his work.

His performance is excellent and appreciable. We wish him All THE BEST for her future

(signature)

M.Lights,Sangola


Prop: H.M. Mane



M LIGHTS LED MANUFACTURING

Ekhatpur Road Maske Colony Sangola Tal.Sangola

Email-mlights1710@gmail.com

Mob- 8482941705,8855081710



Reg.No: MH-32-0007816

Date : 28/09/22

CERTIFICATE

This is to certify that **Hemant Maruti Mane** , student of Last Year Electrical Engineering From **Fabtech Technical Campus Sangola Tal, Sangola** has successfully completed his vocational Training in our company from date 30/08/2022 to 28/09/2022 in his training period we found his quite interested in his work.

His performance is excellent and appreciable. We wish him All THE BEST for her future

(signature)

M.Lights,Sangola


Prop: H.M. Mane



M LIGHTS LED MANUFACTURING

Ekhatpur Road Maske Colony Sangola Tal.Sangola

Email-mlights1710@gmail.com

Mob- 8482941705,8855081710



Reg.No: MH-32-0007816

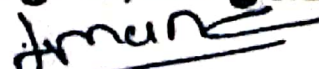
Date : 28/09/22

CERTIFICATE

This is to certify that **Nikhil Laxman Jangale** , student of Last Year Electrical Engineering From **Fabtech Technical Campus Sangola Tal, Sangola** has successfully completed his vocational Training in our company from date 30/08/2022 to 28/09/2022 in his training period we found his quite interested in his work.

His performance is excellent and appreciable. We wish him All THE BEST for her future

(signature)

M.Lights,Sangola

Prop: H.M. Mane

M/s BHAI BHAI TRANSFORMER

Repairs of power & Dist- Transformers

Gate no. 650, At post - Bhose (k), Tal - Pandharpur, Dist - Solapur

Ref No.

Date. 10 / 9 / 2022

Certificate

This is to certify that miss. **Thite Kanchana Kailas** Has
Student of **Fabtech Collage of Engineering & Research ,
Sangola** has successfully completed her training at
M/s Bhai-Bhai Transformers For the period from 01/09/2022
to 10/09/2022, she was Found to be hardworking, enthusiastic
& Cooperative in her approach & Completed her training
Satisfactorily.

Signature

Bhai Bhai Transformer



Proprietor

M/s BHAI BHAI TRANSFORMER

Repairs of power & Dist- Transformers

Gate no. 650, At post - Bhose (k), Tal - Pandharpur, Dist - Solapur

Ref No.

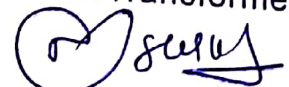
Date. 10 / 9 / 2022

Certificate

This is to certify that miss. **Sonali Nandukumar Randave** Has Student of **Fabtech Collage of Engineering & Research , Sangola** has successfully completed her training at M/s Bhai-Bhai Transformers For the period from 01/09/2022 to 10/09/2022, she was Found to be hardworking, enthusiastic & Cooperative in her approach & Completed her training Satisfactorily.

Signature

Bhai Bhai Transformer



Proprietor

SE**SHIVHARSHAD ELECTRICAL**

Prop. B. S. Bhagat

GOVT. ELECTRICAL CONTRACTOR

TRANSFORMER MISC. REPAIRING ELECTRICAL ALL WORKS

At Post: Wadgaon, Dist: Solapur, Maharashtra - 431004. Tel: 02070204400, 02070204401 Email: idr@shivharshad.com

To Whomsoever It May Concern

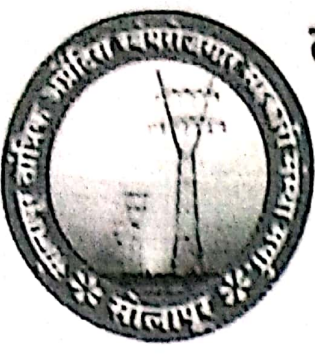
This is to certify that Miss Laxmi K. Tupsoundrya from TAITECH
TECHNICAL CAMPUS, SANGOLI, Tal-Sangoli, Dist-Solapur She has
successfully completed her Industrial Training in M/s. Shivharshad Electrical Co.
from 29/11/2022 To 29/12/2022.

In the working period I found him a sincere, honest, hardworking,
dedicated employee with a professional attitude and very good job knowledge.

I wish him all the best and success in future career endeavors.

Shivharshad Electrical

Proprietor



सीलापूर तांत्रिक अप्रेंटिस स्वयंरोजगार, सह.संस्था मर्या, सीलापूर.

नोंदणी क्रमांक: एस.यु.आर/जी.एन.एन/(ओ)११०/२०१७

PAN NO: AAXAS5038E | GST NO. 27AAXAS5038E1ZT | M.C.MO.30020

E-Mail : solapurtechnical3374@gmail.com

दि. 12/09/2022

जाचक क्र: 189

Certificate

This is to certify that Mr. Tejas Suresh Kedar, candidate of Fabtech Technical Campus College of Engineering and Research, Sangola has successfully completed 15 days of Industrial training from 28.08.2022 to 11.09.2022 at SP Transformer Repairing Company which is worked in our license no. 36826

We wish him success in future.

सीलापूर तांत्रिक अप्रेंटिस स्वयंरोजगार
सहकारी संस्था मर्या. सीलापूर

रजि.ऑफिस: मु.पो.रहाटेवाडी, ता.मंगळवेढा, जि.सीलापूर, मो.८२०८४५४२५१,
कापिरिट ऑफिस: गाळा नं.६.मार्केट याई, M.S.E.B समोर, मंगळवेढा-पंढरपूर रोड, मंगळवेढा, जि.सीलापूर

Sr. No. 455

Date:- 26/09/2022

Certificate

This is to certify that **Mr. Parase Nirajan Bajrang**,
Candidate of Fabtech Technical Campus College of Engineering
and Research, Sangola has successfully completed 15 days of
Industrial training from 28.08.2022 to 11.09.2022 at Arakan
Electrical Suppliers company which is worked.

We wish her success in future.



Arakan Electical Suppliers
Mahud Bk. Tal. Sangola

Office Address :Mahud Society shopping Complex AkujChauk
MahudBktalukaSangola District solapur-413306
Contact No. 9834903431,9130003173, 02187246173
Email Id- Arakanelectricals@gmail.com



**M/S. Vijayanand Engineers
& Contractors, Satara**

M.S.No. : 29599

M.C.No.:12026

A/P. Limb, Tal. & Dist. Satara.

+91 95038441403

Vijayanand.eng@gmail.com

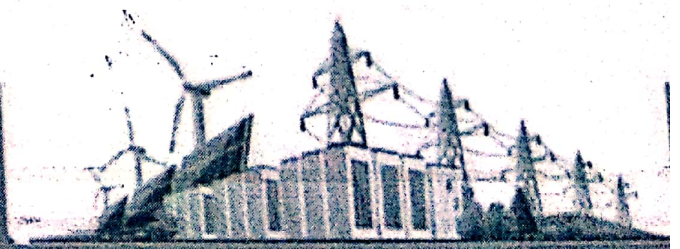
CERTIFICET

This is to certify that Mr Kadam Omkar V, candidate of Fabtech Technical Campus College of Engineering and Research Sangola, has successfully completed 30 days of Industrial training from 30.08.2022 to 28.09.2022 132-110/33KV Sub-station Valsang Sub-Station under ,jath Sub-Division.

M/s. Vijayanand Engg. & Contractors,
Limb, Satara
Proprietor

Specialist in Wind Mill Project

M.S.E.B. & Govt. Electrical Licenced Contractor





**M/S. Vijayanand Engineers
& Contractors, Satara**

M.S.No. : 29599

M.C.No.:12026

A/P. Limb, Tal. & Dist. Satara.

+91 95038441403

Vijayanand.eng@gmail.com

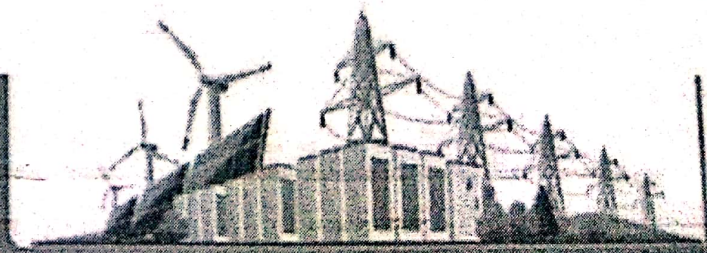
CERTIFICET

This is to certify that Mr Shriram Piyush A., candidate of Fabtech Technical Campus College of Engineering and Research Sangola, has successfully completed 30 days of Industrial training from 30.08.2022 to 28.09.2022 132-110/33KV Sub-station Valsang Sub- Station under ,jath Sub-Division.

M/s. Vijayanand Engg. & Contractors
Limb, Satara
Proprietor

Specialist in Wind Mill Project

M.S.E.B. & Govt. Electrical Licenced Contractor





**M/S. Vijayanand Engineers
& Contractors, Satara**

M.S.No. : 29599

M.C.No.:12026

A/P. Limb, Tal. & Dist. Satara.

+91 95038441403

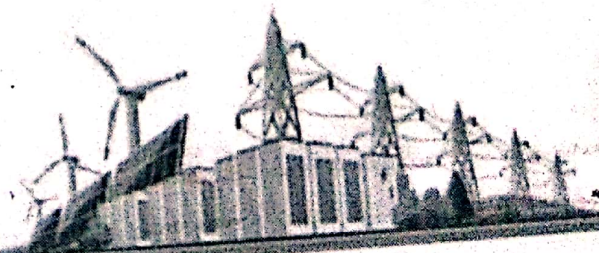
Vijayanand.eng@gmail.com

CERTIFICET

This is to certify that Miss Sarate Snehal R., candidate of Fabtech Technical Campus College of Engineering and Research Sangola, has successfully completed 30 days of Industrial training from 30.08.2022 to 28.09.2022 132-110/33KV Sub-station Valsang Sub- Station under ,jath Sub-Division.

M/s. Vijayanand Engg. & Contractors
Limb, Satara
Proprietor

Specialist in Wind Mill Project
M.S.E.B. & Govt. Electrical Licensed Contractor





**M/S. Vijayanand Engineers
& Contractors, Satara**

M.S.No. : 29599

M.C.No.: 12026

A/P. Limb, Tal. & Dist. Satara.

91 95038441403

Vijayanand.eng@gmail.com

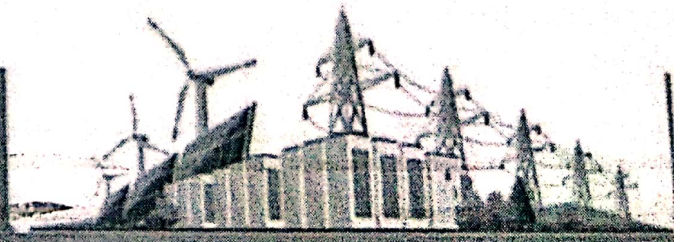
CERTIFICET

This is to certify that Mr Shinde Tushar D, candidate of Fabtech Technical Campus College of Engineering and Research Sangola, has successfully completed 30 days of Industrial training from 30.08.2022 to 28.09.2022 132-110/33KV Sub-station Valsang Sub- Station under ,jath Sub-Division.

M/s. Vijayanand Engrs. & Contractors
Limb, Satara
Proprietor

Specialist in Wind Mill Project

M.S.E.B. & Govt. Electrical Licenced Contractor





**M/S. Vijayanand Engineers
& Contractors, Satara**

M.S.No. : 29599

M.C.No.: 12026

A.P. Limb, Tal. & Dist. Satara.

91 95038441403

Vijayanand.eng@gmail.com



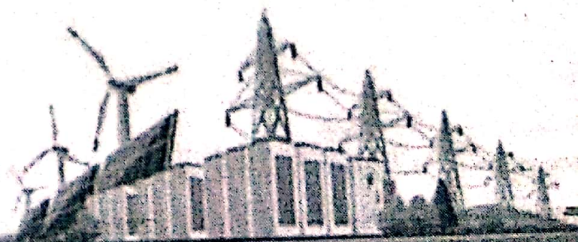
CERTIFICET

This is to certify that Mr Vhankhande Sangmashwar S, candidate of Fabtech Technical Campus College of Engineering and Research Sangola, has successfully completed 30 days of Industrial training from 30.08.2022 to 28.09.2022 132-110/33KV Sub-station Valsang Sub- Station under ,jath Sub-Division.

M/S. Vijayanand Engg. & Contractors
Limb, Satara
Proprietor

Specialist in Wind Mill Project

M.S.E.B. & Govt. Electrical Licenced Contractor





**M/S. Vijayanand Engineers
& Contractors, Satara**

M.S.No. : 29599

M.C.No.: 12026

A.P. Limb, Tal. & Dist. Satara

+91 93038441403

Vijayanand.eng@gmail.com



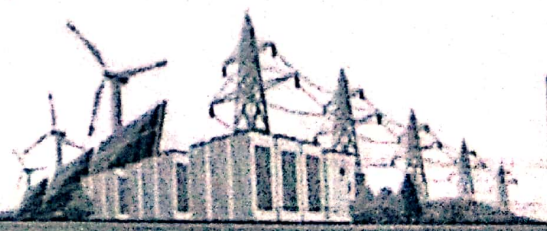
CERTIFICATE

This is to certify that **Mr Swami Rushikesh R**, candidate of Fabtech Technical Campus College of Engineering and Research Sangola, has successfully completed 30 days of Industrial training from 30.08.2022 to 28.09.2022 132-110/33KV Sub-station Valsang Sub- Station under ,jath Sub-Division.

M/S. Vijayanand Engg. & Contractors
Limb, Satara
Proprietor

Specialist in Wind Mill Project

M.S.E.B. & Govt. Electrical Licenced Contractor





Bhairavnath Sugar Works Ltd.

Factory Address: G.NO.116/3/97/1,98/1,98/21A,98/2/2A,98/2/28/05,116/1 A/P-LAVANGI,
TAL. MANGALVEDHA, DIST. SOLAPUR(Maharashtra) PHONE - (02188)248200/300/400.
Email-bhairavnathlavangi@gmail.com

GSTIN-27AADCB0529M1ZN, CIN NO.:U15421PN2000PLC134301 PAN NO.AADCB0529M

Ref: BSWL/ /2022-23

Date:07/09/2022

CERTIFICATE

(TO WHOM SO EVER IT MAY CONCERN)

This is to certify that **Mr.Kasture Yogesh Appaso** student of Fabtech Technical Campus College of Engineering & Research Sangola has successfully completed training for Electrical Engineering in our Sugar Factory since 21/08/2022 to 05/09/2022

He is hard worker, sincere & obedient. This certificate is issued on his demand. We wish a bright future to him.

Anil D Pore

General Manager (P)

Bhairavnath Sugar Works Ltd, Lavangi

Registered Office: S.No.84/2E 1/5 to 7,9,10,Shop No.11&12 "SAWANT CORNER, Pune-Satara Bypass Highway Chowk, Katraj, Pune-411046,Phone(020)24317386 Fax: (020)24317389/24317360, Website: www.bswl.inEmail:b com

Sr. No. 456

Date:- 26/09/2022

Certificate

This is to certify that **Mr. Terve Krushnaraj Anata**,
Candidate of Fabtech Technical Campus College of Engineering
and Research, Sangola has successfully completed 15 days of
Industrial training from 28.08.2022 to 11.09.2022 at Arakan
Electrical Suppliers company which is worked.

We wish her success in future.

ARAKAN

ShaiKH.

Arakan Electrical Suppliers
Mahud Bk. Tal. Sangola

Office Address :Mahud Society shopping Complex AklujChauk
MahudBktalukaSangola District solapur-413306
Contact No. 9834903431,9130003173, 02187246173
Email Id- Arakanelectricals@gmail.com

Sr. No. 457

Date:- 26/09/2022

Certificate

This is to certify that **Mr. Pise Akshay Kanta**, Candidate of Fabtech Technical Campus College of Engineering and Research, Sangola has successfully completed 15 days of Industrial training from 28.08.2022 to 11.09.2022 at Arakan Electrical Suppliers company which is worked.

We wish her success in future.

ARAKAN

Shalkh.
Arakan Electrical Suppliers
Mahud Bk. Tal. Sangola

Office Address :Mahud Society shopping Complex AkujChauk
MahudBktalukaSangola District solapur-413306
Contact No. 9834903431,9130003173, 02187246173
Email Id- Arakanelectricals@gmail.com



SHIVHARSHAD ELECTRICAL

Prop.B.S.Bhagat

GOVT. ELECTRICAL CONTRACTOR

TRANSFORMER MGF/REPAIRING, ELECTRICAL ALL WORKS

At/Post. Watambare, Gat No.674 Tal. Sangola Dist. Solapur Mob: 09970200400,9923750400 Email ID:bhagatenter@gmail.com

To Whomsoever It May Concern

This is to certify that Miss. Rutuja Shiram Bhagat from FABTECH TECHNICAL CAMPUS, SANGOLA. TAL-Sangola Dist -solapur. She has successfully completed her Industrial Training in M/s. Shivharshad Electrical Co. from 29/11/2022 To 29/12/2022.

In the working period I found him a sincere, honest, hardworking, dedicated employee with a professional attitude and very good job knowledge.

I wish him all the best and success in future career endeavors.

Shivharshad Electrical

[Signature]
Proprietor

SE SHIVHARSHAD ELECTRICAL

Prop.B.S.Bhagat

GOVT. ELECTRICAL CONTRACTOR

TRANSFORMER MGF/REPAIRING, ELECTRICAL ALL WORKS

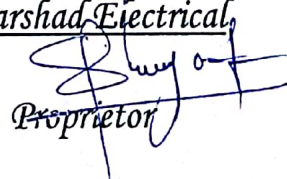
At/Post. Watambare, Gat No.674 Tal. Sangola Dist. Solapur Mob: 09970200400,9923750400 Email ID:bhagatenter@gmail.com

To Whomsoever It May Concern

This is to certify that Mr. Swapnil Bapu Kambale from FABTECH TECHNICAL CAMPUS, SANGOLA, TAL-Sangola Dist -solapur. She has successfully completed her Industrial Training in M/s. Shivharshad Electrical Co. from 29/11/2022 To 29/12/2022.

In the working period I found him a sincere, honest, hardworking, dedicated employee with a professional attitude and very good job knowledge.

I wish him all the best and success in future career endeavors.

Shivharshad Electrical,

Proprietor



SHIVHARSHAD ELECTRICAL

Prop. B.S. Bhagat

GOVT. ELECTRICAL CONTRACTOR

TRANSFORMER MGF/REPAIRING, ELECTRICAL ALL WORKS

At Post. Watambare, Gat No. 674 Tal. Sangola Dist. Solapur Mob: 09970200400, 9923750400 Email ID: bhagatenter@gmail.com

To Whomsoever It May Concern

This is to certify that Mr. Rutuja Pavan Gorakhi Sawant from FABTECH TECHNICAL CAMPUS, SANGOLA, TAL-Sangola Dist -solapur. She has successfully completed her Industrial Training in M/s. Shivharshad Electrical Co. from 29/11/2022 To 29/12/2022.

In the working period I found him a sincere, honest, hardworking, dedicated employee with a professional attitude and very good job knowledge.

I wish him all the best and success in future career endeavors.

Shivharshad Electrical

Proprietor



SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments.

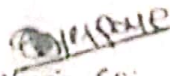
Works: Gat No. 624/625/626, Ekhetpur, Tal. Sangola Dist. Solapur - 413 307
Ph. & Fax: (02187) 202776, website: www.sparkonengineers.com

Date: 15/02/2023

To Whomsoever It May Concern

*This is to certify that Mr. Bapusaheb kolekar From College - Fabtech technical
campus, Sangola. Has successfully completed his Industrial Training in Sparkon Equipments
& Projects from 01 st February 2023 TO 15 February 2023*

For Sparkon Equipments & Projects

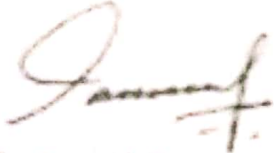

Authorized Signatory



CERTIFICATE

This is to certify that Mr. / Ms. Prakash Suresh Mane of
S.Y B. Tech. Mechanical Engineering, In Fabtech Technical Campus,
College of Engineering and Research, Sangola for PRN
No. 2262561612507 has successfully completed his / her Industrial
Training during the academic year 2022-23 from 28 August
to 11 Sept at (Name of Company with full address and contact no.)

For HYUNDAI MOTOR INDIA LIMITED



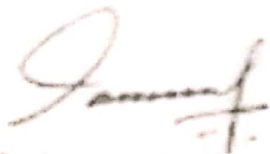
Navin Joseph Peter J
Assistant General Manager
Head of Section
Human Resources Development



CERTIFICATE

This is to certify that Mr. / Ms. Sangmesh chougule. of
S.T.B. Tech. Mechanical Engineering, In Fabtech Technical Campus,
College of Engineering and Research, Sangola for PRN
No. 267561612509 has successfully completed his / her Industrial
Training during the academic year 2022-23 from 1 Feb 2023
to 15 Feb 2023 at (Name of Company with full address and contact no.)

For HYUNDAI MOTOR INDIA LIMITED



Navin Joseph Peter J
Assistant General Manager
Head of Section
Human Resources Development





CERTIFICATE

This is to certify that Mr. / Ms. Ekmallik Ali Khil Babbar of
S.Y B. Tech. Mechanical Engineering, In Fabtech Technical Campus,
College of Engineering and Research, Sangola for PRN
No. 2207561612509 has successfully completed his / her Industrial
Training during the academic year 2021-23 from 1 Feb 2023
to 15 Feb 2023 at (Name of Company with full address and contact

For TATA MOTORS LTD

Ajay K. Choudhary
Divisional Manager (Training)



TATA MOTORS LIMITED

Corporate Office: 47, 57, 67

Sec 47, 57, 67, 111

Website: www.tatamotors.com

Registered Office: Sangli House, 24, Main Road, Sangli, Maharashtra 441 101

CIN: L28220MH1994PLC004521

CERTIFICATE

This is to certify that Mr. / Ms. Aman Kadar Mujawar of Second Year B. Tech. Mechanical Engineering, In Fabtech Technical Campus, College of Engineering and Research, Sangola for PRN No. 2167561612001 has successfully completed his / her Industrial Training during the academic year 2022-23 from 28 August to 12 September at (Name of Company with full address :- Works: Gat No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur - 413 307 and contact no :- (02187) 202776)).

Sign and seal of Manager/HR/Departmental head

Note-Certificate should on Company's Letter Pad with proper sign



CERTIFICATE

This is to certify that Mr. / Ms. Vishal Naresh Lakheri of
S.Y B. Tech. Mechanical Engineering, In Fabtech Technical Campus,
College of Engineering and Research, Sangola for PRN
No. 2267561612506, has successfully completed his / her Industrial
Training during the academic year 2021-22 from 28 August
to 11 Sept. at (Name of Company with full address and contact

For TATA MOTORS LTD

Ajay K. Dham
Districtal Manager (Training)



TATA MOTORS LIMITED

Patna Road, 401, 402

PO Box 22, New Delhi - 110 001

Website: www.tatamotors.com

Registered Office: 401, 402, Patna Road, New Delhi - 110 001

CHE120220MH-1041/2, CD0452



SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments.
Works : Gal No. 624/625/626, Ekhalpur, Tal. Sangola Dist. Solapur - 413 307
Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

TO Whomsoever It May Concern

This is to certify that Mr. Shinde Mayappa Vitthal From Fabtech College of Engineering & Research Center, Sangola Has successfully completed his Vocational Training in Sparkon Equipments & Projects from 1st September 2022 TO 15th September 2022.

In the working period I found him a sincere, honest, hardworking, dedicated with a professional attitude and very good job knowledge.

I wish him all the best and success in future career endeavors.

For Sparkon Equipments & Projects





SPARKON GROUP OF INDUSTRIES

SPARKON

EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments.

Works : Gat No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur - 413 307

Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

Date: .11.09.2022

TO Whomsoever It May Concern

This is to certify that Mr. Anil Sanjay Burangale From College - Fabtech technical campus, Sangola. Has successfully completed his Industrial Training in Sparkon Equipments & Projects from 28 th August 2022 TO 11th September 2022.

For Sparkon Equipments Projects

SPARKON EQUIPMENTS PROJECTS
Gat No. 624/625/626
Ekhatpur, Sangola, Dist. Solapur - 413 307
Authorized Signatory
11/9/2022



Kakade Agro Equipments

(Manufacturer of All Kinds of Modern, Agro Sprayers and Equipments)

An ISO 9001: 2015 certified company

A/P: Near Shivaji Staschu Tandulwadi, Tah: Malshiras Dist: Solapur,

Contact: +917709685151, 9503836313 Email:

kakadetoofanblowers@gmail.com

sept/cert/09/02

Date :12/09/2022

Certificate

This is certify that **Mr SWARUP SATYAWAN WAGHMARE** B. TECH /
B. E 2th yr MECH Engg students of FTC TECHNICAL CAMPUS has done training of Manufacturing,
assembling and testing of agro sprayers equipment's at our company from 28/082022 to
12/09/2022.

During training her involvements was good, and we wish best luck to him for bright
future...

Er. Subhash N Kakade, M. Tech Agril Engg. FMPE

Kakade Tgofan Blowers


Founder

M/S Kakade Agro Equipments, near to shivaji staschu, Tandulwadi, Tah: Malshiras , Dist
:solapur 413310, MH. 7709685151,
www.kakadeagro.com



श्री संत दामाजी सहकारी
साखर कारखाना लि., मंगलवेढा

ता. मंगलवेढा, जि. सोलापूर

महाराष्ट्र - 413 305

Shri Sant Damaji Sahakari

Sakhar Karkhana Ltd., Mangalwedha

Tal. Mangalwedha, Dist. Solapur. (M.S.) 413 305

Phone: (02188) 244156, 244345, 244356, 244556

Fax (02188) 244145 E-Mail : santdamajissk@gmail.com

No. Sant Damaji /Time /2022-23/ 429

Date : 27/09/2022

CERTIFICATE

This is to certify that Mr. Raghunath Bira Ghatukade student of Fabtech Technical Campus College of Engineering & Research Sangola has successfully completed training for Mechanical Engineering in our Sugar Factory since 1/9/2022 to 15/9/2022.

He is hard worker, sincere & obedient. This certificate is issued on his demand. We wish a bright future to him.

Managing Director

Shri Sant Damaji S.S.K.Ltd., Mangalwedha.

Bhairavnath Sugar Works Ltd.

Factory Address: G.NO.116/3/97/1,98/1,98/21A,98/2/2A,98/2/2B/05,116/1 A/P- LAVANGI,
TAL. MANGALVEDHA, DIST. SOLAPUR(Maharashtra) PHONE - (02188)248200/300/400.

Email- bhairavnathlavangi@gmail.com

GSTIN-27AADCB0529M1ZN, CIN NO.:U15421PN2000PLC134301 PAN NO.AADCB0529M

Ref: BSWL/ 68 /2022 -23

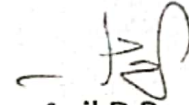
Date: 07/09/2022

CERTIFICATE

(TO WHOM SO EVER IT MAY CONCERN)

This is to certify that Mr. Dhulappa Malhari Erande student of Fabtech Technical Campus College of Engineering & Research Sangola has successfully completed training for Mechanical Engineering in our Sugar Factory since 21/08/2022 to 05/09/2022

He is hard worker, sincere & obedient. This certificate is issued on his demand. We wish a bright future to him.



Anil D Pore

General Manager (P)

Bhairavnath Sugar Works Ltd, Lavangi



SPARKON GROUP OF INDUSTRIES

SPARKON

CTS

Manufacturing of Stainless Steel Process Tanks & Equipments.

Works : Gat No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur - 413 307

Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

Date: .11.09.2022

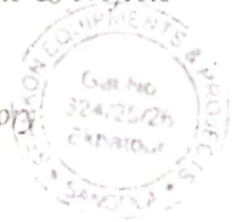
TO Whomsoever It May Concern

This is to certify that *Mr. Suhas Ashok Khadtare* From College - Fabtech
technical campus, Sangola. Has successfully completed his Industrial Training in Sparkon
Equipments & Projects from 28 th August 2022 TO 11th September 2022.

For Sparkon Equipments & Projects

[Signature]

Authorized Signatory





SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments.

Works : Gat No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur - 413 307

Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

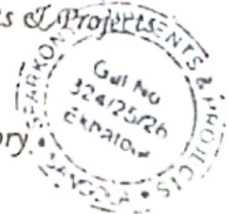
Date: .11.09.2022

TO Whomsoever It May Concern

This is to certify that Mr.Dnyaneshwar Popat Shinde From College –Fabtech technical campus,Sangola. Has successfully completed his Industrial Training in Sparkon Equipments & Projects from 28 th August 2022 TO 11th September 2022.

For Sparkon Equipments & Projects

Authorized Signatory





SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments.
Works : Gat No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur - 413 307
Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

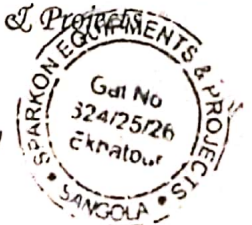
Date: .11.09.2022

TO Whomsoever It May Concern

*This is to certify that Mr.Pravin Hanmant Burale From College -Fabtech
technical campus,Sangola. Has successfully completed his Industrial Training in Sparkon
Equipments & Projects from 28 th August 2022 TO 11th September 2022.*

For Sparkon Equipments & Projects

Authorized Signatory





SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments.

Works : Gal No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur - 413 307

Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

TO Whomsoever It May Concern

This is to certify that Mr Shrimakkal Anol Revanappa From Fahitech College of Engineering & Research Center, Sangola, has successfully completed his Vocational Training in Sparkon Equipments & Projects from 1st September 2022 TO 15th September 2022.

In the working period I found him a sincere, honest, hardworking, dedicated with a professional attitude and very good job knowledge.

I wish him all the best and success in future career endeavors.

For Sparkon Equipments & Projects



[Signature]

Authorized Signatory



SPARKON GROUP OF INDUSTRIES

SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments.

Works : Gat No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur - 413 307
Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

Date: .11.09.2022

TO Whomsoever It May Concern

*This is to certify that Mr. Ganesh Jalindar Lawate From College - Fabtech
technical campus, Sangola. Has successfully completed his Industrial Training in Sparkon
Equipments & Projects from 28 th August 2022 TO 11th September 2022.*

For Sparkon Equipments & Projects

[Signature]

Authorized Signatory





SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments.

Works : Gat No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur - 413 307
Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

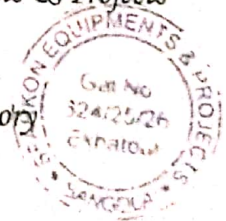
Date: .11.09.2022

TO Whomsoever It May Concern

This is to certify that Mr. Santosh Bharat Chavan From College - Fabtech technical campus, Sangola. Has successfully completed his Industrial Training in Sparkon Equipments & Projects from 28 th August 2022 TO 11th September 2022.

For Sparkon Equipments & Projects

Authorized Signatory





SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

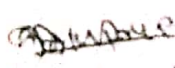
Manufacturing of Stainless Steel Process Tanks & Equipments
Works - Gal No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur - 413 307
Ph. & Fax : (02187) 202776, website www.sparkonengineers.com

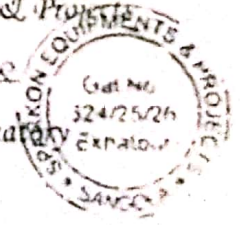
Date: 11.09.2022

TO Whomsoever It May Concern

This is to certify that Ramesh Subhash Burungale From College - Fabtech
technical campus, Sangola Has successfully completed his Industrial Training in Sparkon
Equipments & Projects from 28 th August 2022 TO 11th September 2022.

For Sparkon Equipments & Projects


Authorized Signatory





SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments.
Works : Gat No. 624/625/626, Ekhotpur, Tal. Sangola Dist. Solapur - 413 307
Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

Date: .11.09.2022

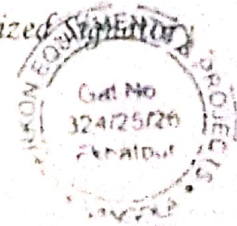
TO Whomsoever It May Concern

This is to certify that Mr. Ashwini Laxman Patil From College - Fabtech
technical campus, Sangola. Has successfully completed his Industrial Training in Sparkon
Equipments & Projects from 28 th August 2022 TO 11th September 2022.

For Sparkon Equipments & Projects

(Signature)

Authorized Signatory





SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments
Works : Gut No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur - 413 307
Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

Date: .11.09.2022

TO Whomsoever It May Concern

*This is to certify that Mr Nihil Deshmukh From College - Fabtech technical
campus Sangola Has successfully completed his Industrial Training in Sparkon Equipments
& Projects from 28 th August 2022 TO 11th September 2022.*

For Sparkon Equipments & Projects

[Signature]
Authorized Signatory





CERTIFICATE

This is to certify that Mr. **ANAND TUKARAM KASHID** of B. Tech. Mechanical Engineering, In Fabtech Technical Campus, College of Engineering and Research, Sangola for PRN No.**T2167561612506** has successfully completed his Industrial Training during the academic year 2021-22 from **28th August to 11th September** at **Acrynova Industries LTD, Tarapur MIDC, Maharashtra.**

Sign and seal of Manager/HR/Departmental head



ACRYNOVA INDUSTRIES (P) LTD.

The Paragaon, 1st floor, Dhanraj Mills Compound, S. J. Marg, Lower Parel (W), Mumbai 400 013
phone 91.22.43421000 | email info@acrynova.in | web www.acrynova.in





**SITARAM MAHARAJ
SAKHAR KARKHANA (KHARDI) LTD**

A/p.Khardi, Tal.Pandharpur, Dist.Solapur. 413317 (MH)
email : gm.sitaramsugar@gmail.com

No.U15424 PN 1999 PLCO 13656

9421876352

GST.No.:- 27AA0CS0492B1ZC

Ref. No. SMSKL/ADMN./ 376 /2022-23

Date :- 16/09/2022

CERTIFICATE

This is to certify that MANAGESH HARISHCHANDRA NAGANE student studying in Second Year of Mechanical Engineer at Febtech Technical Campus - College of Engineering & Research, Sangola who has completed a 15 days Industrial Training from 28th August, 2022 to 12th September, 2022 at Sitaram Maharaj Sakhar Karkhana Khardi Ltd., A/P. Khardi, Tal. Pandharpur, Dist. Solapur - 413 317 (M.S.) as a fulfillment of his Study.

This certificate is given to him for college study purpose only.


General Manager

Sitaram Maharaj Sakhar Karkhana (Khardi) Ltd.,

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SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments

Works : Gat No. 624/625/626, Ekhatpur, Tal. Sargola Dist. Solapur - 413 307
Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

Date: .11.09.2022

TO Whomsoever It May Concern

*This is to certify that Mr. Shubham Satish Patil From College - Fabtech technical
campus, Sargola Has successfully completed his Industrial Training in Sparkon Equipments
& Projects from 28 th August 2022 TO 11th September 2022.*

For Sparkon Equipments & Projects

[Signature]
Authorized Signatory





**SITARAM MAHARAJ
SAKHAR KARKHANA (KHARDI) LTD**

A/p.Khardi, Tal.Pandharpur, Dist.Solapur. 413317 (MH)

email : gm.sitaramsugar@gmail.com

No.U15424 PN 1999 PLCO 13656

9421876352

GST.No.:- 27AAOCS0492B1ZC

Ref. No. SMSKL/ADMIN./ 379 /2022-23

Date : - 16/09/2022

CERTIFICATE

This is to certify that ANIRUDDHA BALI SAKHARE student studying in Second Year of Mechanical Engineer at Febtech Technical Campus - College of Engineering & Research, Sangola who has completed a 15 days Industrial Training from 28th August, 2022 to 12th September, 2022 at Sitaram Maharaj Sakhar Karkhana Khardi Ltd., A/P. Khardi, Tal. Pandharpur, Dist. Solapur - 413 317 (M.S.) as a fulfillment of his Study.

This certificate is given to him for college study purpose only.


General Manager

Sitaram Maharaj Sakhar Karkhana (Khardi) Ltd.,



SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments

Works : Gat No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur 413 307

Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

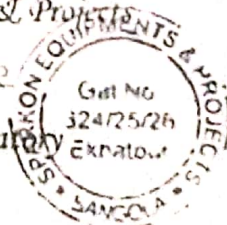
Date: .11.09.2022

TO Whomsoever It May Concern

*This is to certify that Mr.Dhiraj Bhagawan Aldar From College -Fabtech
technical campus,Sangola. Has successfully completed his Industrial Training in Sparkon
Equipments & Projects from 28 th August 2022 TO 11th September 2022.*

For Sparkon Equipments & Projects

[Signature]
Authorized Signatory





सहकार विरोधी संसत्सद काले
सहकारी साक्षर कारखाना वि.,
पेठगावामेथर
जे. भातली सपुस विभाग, पैरा - २१३०४
विभाग - संसत्सद (सहकारी भाग)

CERTIFICATE

This certificate issued to him as per his application dated 30/08/2022.

Managing Director



SPARKON GROUP OF INDUSTRIES
SPARKON
EQUIPMENTS & PROJECTS

Manufacturing of Stainless Steel Process Tanks & Equipments.

Works : Gat No. 624/625/626, Ekhatpur, Tal. Sangola Dist. Solapur - 413 307

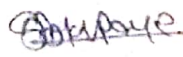
Ph. & Fax : (02187) 202776, website : www.sparkonengineers.com

Date: .11.09.2022

TO Whomsoever It May Concern

This is to certify that Mr. Anna Bharat Lokhande From College – Fabtech technical campus, Sangola. Has successfully completed his Industrial Training in Sparkon Equipments & Projects from 28 th August 2022 TO 11th September 2022.

For Sparkon Equipments & Projects


Authorized Signatory



Project Completion Certificates

**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

Certificate



This is to certify that the Technical project entitled
**“EXPERIMENTAL STUDY ON CONCRETE CONTAINING
ACTIVATED CARBON AND FLY ASH”** has been submitted by

Mr. Dayanand Balu Dhage

Mr. Suresh Damu Bhuite

Mr. Tejas suresh garande

Mr. Rahul dilip patil

for partial fulfillment of B.tech Civil Engineering (Part-II) as per curriculum laid
by the DBATU University, Lonere during the academic year 2022-2023.


Prof. Bhakare. V.S
(Guide)


Prof. Adlinge. S.S
(HOD)


Dr. Shendge. R.B
(Principal)

Date: 15/06/2023

Place: Sangola

SEAL



DEPARTMENT OF CIVIL ENGINEERING,
EXAMINER CERTIFICATE

[Academic Year: 2022-23]

This is to certify that the project report entitled, **“EXPERIMENTAL STUDY ON CONCRETE CONTAINING ACTIVATED CARBON AND FLY ASH”** submitted in partial fulfillment for the award of the **“Bachelor of Technology in Civil Engineering”** by Dr Babasaheb Ambedkar Technological University, Lonere, as a record of the students work carried out by them and it is examined by me.

Submitted by

1. Mr. Dayanand Balu Dhage

2. Mr. Rahul Dilip Patil

3. Mr. Suresh Damu Bhuite

4. Mr. Tejas Suresh Garande

INTERNAL EXAMINER

EXTERNAL EXAMINER

**Fabtech Technical Campus,
College of Engineering and Research, Sangola.**

Certificate




This is to certify that the technical project entitled **“CAUSES OF ACCIDENT AND EFFECTIVE MEASURE TO IMPROVE ROAD SAFETY”** has been submitted by

**Mr. Kadam Soham Dilipkumar
Mr. Pandhare Vikas Pandurang
Mr. Patil Pritish Anil
Mr. Sawant Sagar Kalidas**

For partial fulfilment of B.tech Civil Engineering(Part-II) as per curriculum laid by the DBATU University, Lonere during the academic year 2022-2023.


Prof. Bhakare V.S.
(Project Guide)


Prof. Adlinge S.S.
(H.O.D.)


Dr. Shendge R. B.
(Principal)

Date :- _____

Place :- Sangola.



DEPARTMENT OF TECHNOLOGY

EXAMINER CERTIFICATE

[Academic Year: 2022-23]

This is certify y that the project report entitled, “**CAUSES OF ACCIDENT AND EFFECTIVE MEASURE TO IMPROVE ROAD SAFETY**” submitted in partial fulfilment for the award of the “**Bachelor of Technology in Civil Engineering**” by DBATU University Lonere, as a record of the students work carried out by them and it is examine by me.

Submitted by

Mr. Kadam Soham Dilipkumar

Mr. Pandhare Vikas Pandurang

Mr. Patil Pritish Anil

Mr. Sawant Sagar Kalidas

INTERNAL EXAMINER

EXTERNAL EXAMINER

**Fabtech Technical Campus,
College of Engineering and Research, Sangola.**

Certificate




This is to certify that the technical project entitled **“DESIGN AND ANALYSIS OF RESIDENTIAL BUILDING IN STAAD PRO SOFTWARE”** has been submitted by

**Mr. Gotyal Vinod Revappa
Mr. Sayyad Davaldryadil Jindapir
Mr. Soudagar Ganesh Ravasaheb
Mr. Kapadekar Shreyas Mukund**

For partial fulfilment of B.tech Civil Engineering(Part-II) as per curriculum laid by the DBATU University, Lonere during the academic year 2022-2023.


Prof. Metkari A.A.
(Project Guide)


Prof. Adlinge S.S.
(H.O.D.)


Dr. Shendge R. B.
(Principal)

Date :- _____

Place :- Sangola.

ACKNOWLEDGEMENT

It is indeed a great pleasure and privilege for us to present this report. First, we are highly indebted to our guide Prof. Mr. [Name] for their valuable support and immense [Name] provided me.



We are grateful to our Principal Dr. Shendge R.B. for showing interest in all the activities related to the project. We thank to our

DEPARTMENT OF TECHNOLOGY

EXAMINER CERTIFICATE

[Academic Year: 2022-23]

This is certify y that the project report entitled, “DESIGN AND ANALYSIS OF RESIDENTIAL BUILDING IN STAAD PRO SOFTWARE” submitted in partial fulfilment for the award of the “Bachelor of Technology in Civil Engineering” by DBATU University Lonere, as a record of the students work carried out by them and it is examine by me.

Name of the students (PRN No.)

Submitted by

1. Mr. Gotyal Vinod Revappa
2. Mr. Sayyad Davaldryadil Jindapir
3. Mr. Soudagar Ganesh Ravasaheb
4. Mr. Kapadekar Shreyas Mukund

Mr. Soudagar Ganesh Ravasaheb
(1967561191932)

Mr. Kapadekar Shreyas Mukund
(1967561191983)


INTERNAL EXAMINER


EXTERNAL EXAMINER

Fabtech Technical Campus,
College of Engineering and Research, Sangola


Certificate




*This is to certify that the **Technical project** entitled.*
“USE OF PLASTIC WASTE IN FILLING POTHLES”
has been submitted by

Mr. Jadhav Shubham Dnyanoba
Mr. Jankar Pramod Vijay
Mr. Masal Pramod Jaykumar
Mr. Mane Gaurav Tukaram

*For partial fulfillment of **Bachelor's Degree in Civil Engineering** by
the Engineering as per curriculum laid **DBATU University, Lonere** during
the academic year **2022-2023**.*


Prof. Metkari A.A.
[Project Guide]


Prof. Adlinge S.S.
[H.O.D.]


Dr. Shendge R.B.
[Principal]

Date: 15-06-2023

Place: Sangola.

SEAL

Fabtech Technical Campus,
College of Engineering and Research, Sangola.

Certificate



Department of Civil Engineering

EXAMINER CERTIFICATE

[Academic Year: - 2022-23]

This is to certify that the project report entitled **"USE OF PLASTIC WASTE IN FILLING POTHOLE"** has been submitted for partial fulfillment of **'Bachelor of Technology in Civil Engineering'** by DBATU University, Lonere as a record of the students work carried out by them and it is examine by me.

[Submitted by]

1. Mr. Jadhav Shubham Dnyanoba
2. Mr. Jankar Pramod Vijay
3. Mr. Masal Pramod Jaykumar
4. Mr. Mane Gaurav Tukaram

INTERNAL EXAMINER

EXTERNAL EXAMINER

**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

Certificate



**This is to certify that the Project report entitled
“DEVELOPMENT OF UNDERGROUND SEWERAGE SYSTEM FOR
SANGOLA CITY”**

Mr.SARWADE PRATHAMESH PATTERNAY

Mr.PUJARI MHALAPPA SIDDHAPPA

Mr.KARANDE SOURABH DILIP

Mr.LATANE OM SANJAY

**For partial fulfilment of B.tech Civil Engineering (Part-II)
as per curriculum laid by DBATU University, Lonere during the
academic year 2022-2023.**

Prof. Mali S.S.
(Guide)

Prof. Adlinge S.S.
(HOD)

Dr. Shendge R.B.
(Principal)

SEAL

Date: _____

Place: Sangola

A



DEPARTMENT OF TECHNOLOGY,

EXAMINER CERTIFICATE

[Academic Year: 2022-2023]

This is to certify that the project report entitled, **“DEVELOPMENT OF UNDERGROUND SEWERAGE SYSTEM FOR SANGOLA CITY”** submitted in partial fulfilment for the award of the **“Bachelor of Technology in Civil Engineering”** by DBATU University Lonare, as a record of the students work carried out by them and it is examined me.

Submitted by

- 1. Mr. SARWADE PRATHAMESH PATERAV**
- 2. Mr. PUJARI MHALAPPA SIDDHAPPA**
- 3. Mr. KARANDE SOURABH DILIP**
- 4. Mr. LATANE OM SANJAY**


INTERNAL EXAMINER


EXTERNAL EXAMINER

**Fabtech Technical Campus,
College of Engineering and Research, Sangola.**

CERTIFICATE



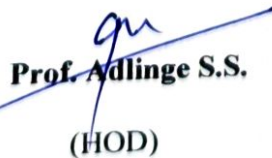
This is to certify that the Technical project entitled “**Study of highway failure and their maintenance and analysis of maintenance cost comparison between flexible and rigid pavement**” has been submitted

- 1) **Mr. Vinay Nitin Bansode**
- 2) **Mr. Dadaso Bhagwan Howal**
- 3) **Mr. Mohit Anil Chandanshive**


for partial fulfillment of B-tech Civil Engineering (Part-II) as per curriculum laid by the DBATU University, Lonere during the academic year 2022-2023.


Prof. Mali S.M.

(Guide)


Prof. Adlinge S.S.

(HOD)


Dr. Shendge, R.B.

(Principal)

Date: 15/06/23

Place: Sangola



A DEPARTMENT OF TECHNOLOGY

EXAMINER CERTIFICATE

[Academic Year: 2022-23]

This is to certify that the project entitled, **Study of highway failure and their maintenance and analysis of maintenance cost comparison between flexible and rigid pavement** submitted in partial fulfillment for the award of the **"Bachelor of Technology in civil Engineering"** by BATU University Lonare as a record of student work carried out by them and it is and it is examined by me.

Submitted by

- 1) **Mr. Vinay Nitin Bansode**
- 2) **Mr. Dadaso Bhagwan Howal**
- 3) **Mr. Mohit Anil Chandanshive**

Internal Examiner

External Examiner

“STUDY OF DURABILITY PROPERTIES OF BACTERIAL CONCRETE”

**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

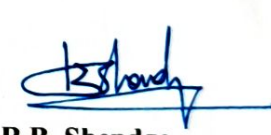
Certificate



This is to certify that the Technical project entitled “STUDY OF DURABILITY PROPERTIES OF BACTERIAL CONCRETE” has been submitted by Mr.Doltade Pravin Yuvraj. for partial fulfillment of B.Tech Civil Engineering (Part-II) as per curriculum laid by the DBATU University, Lonere during the academic year 2022-2023.


Prof. Dudhal k.M.
(Guide)


Prof. Adlinge. S.S
(HOD)


Dr. R.B. Shendge
(Principal)

Date: 15/06/2023
Place : Sangola

SEAL

"STUDY OF DURABILITY PROPERTIES OF BACTERIAL CONCRETE"



DEPARTMENT OF TECHNOLOGY,

EXAMINER CERTIFICATE

[Academic Year: 2022-23]

This is to certify that the project report entitled, **"STUDY OF DURABILITY PROPERTIES OF BACTERIAL CONCRETE"** submitted in partial fulfillment for the award of the **"Bachelor of Technology in Civil Engineering"** by DBATU University Lonare , as a record of the students work carried out by them and it is examined by me.

Submitted by

- 1) Doltade Pravin Yuvraj.
- 2) Bhagat Pravin Prakash.
- 3) Ingole Aniket Mahadev.
- 4) Shinde Suraj Sunil.


INTERNAL EXAMINER


EXTERNAL EXAMINER

**Fabtech Technical Campus,
College of Engineering and Research, Sangola.**

Certificate



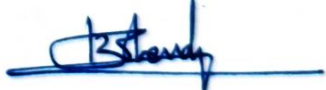
This is to certify that the technical project entitled **“Experimental investigation of bacterial concrete”** has been submitted by

- 1) Miss.Teke Tanuja Pravin
- 2) Miss.Honkale Savita Kenchraya
- 3) Miss.Kamble Aarti Bhagwat
- 4) Miss.Bhajanavale Priti Shankar
- 5) Miss.Jadhav Priya Mahadev

For partial fulfilment of B.tech Civil Engineering(Part-II) as per curriculum laid by the DBATU University, Lonere during the academic year 2022-2023.


Prof. Dadhal.K.M.
(Project Guide)


Prof. Adlinge S.S.
(H.O.D.)


Dr. Shendge R. B.
(Principal)

Date :- _____

Place :- Sangola.



DEPARTMENT OF TECHNOLOGY

EXAMINER CERTIFICATE

[Academic Year: 2022-23]

This is certify y that the project report entitled, “**Experimental investigation of bacterial concrete**” submitted in partial fulfilment for the award of the “**Bachelor of Technology in Civil Engineering**” by DBATU University Lonere, as a record of the students work carried out by them and it is examine by me.

Submitted by

- 1) Miss.Teke Tanuja Pravin
- 2) Miss.Honkale Savita Kenchraya
- 3) Miss.Kamble Aarti Bhagwat
- 4) Miss.Bhajanavale Priti Shankar
- 5) Miss.Jadhav Priya Mahadev


INTERNAL EXAMINER


EXTERNAL EXAMINER

"STUDY OF EFFECTS OF BAGASSE ASH ON PROPERTIES OF EXPANSIVE SOIL"

College of Engineering and Research, Sangola

Certificate



This is to certify that the Technical project entitled "STUDY OF EFFECTS OF BAGASSE ASH ON PROPERTIES OF EXPANSIVE SOIL" has been submitted by

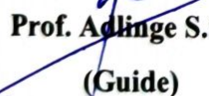
Mr. Pise Omkar Bajirao

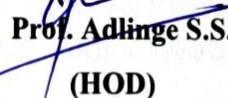
Mr. Yedravkar Bhushan Vishnu

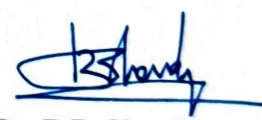
Mr. Chavan Pruthviraj Dattatray

Mr. Ghodke Dhanraj Pandurang

for partial fulfillment of B.Tech Civil Engineering (Part-II) as per curriculum laid by the DBATU University, Lonere during the academic year 2022-2023.


Prof. Adlinge S.S.
(Guide)


Prof. Adlinge S.S.
(HOD)


Prof. Dr. R.B. Shendge
(Principal)

Date: _____

Place: Sangola

SEAL

**"STUDY OF EFFECTS OF BAGASSE ASH ON PROPERTIES OF EXPANSIVE
SOIL"**

A

DEPARTMENT OF CIVIL ENGINEERING

EXAMINER CERTIFICATE

[Academic Year 2022-2023]



This to certify that the project report entitled " STUDY OF EFFECTS OF BAGASSE ASH ON PROPERTIES OF EXPANSIVE SOIL " submitted in partial fulfillment for the award of the Bachelor of Technology in Civil Engineering by DBATU University, Lonere as a record of the students work carried out by them and it is examined by me.

Submitted by

**Mr. Pise Omkar Bajirao
Mr. Yedravkar Bhushan Vishnu
Mr. Chavan Pruthviraj Dattatray
Mr. Ghodke Dhanraj Pandurang**


INTERNAL EXAMINER


EXTERNAL EXAMINER

**Fabtech Technical Campus,
College of Engineering and Research, Sangola.**

Certificate




This is to certify that the technical project entitled **“Experimental study on effect of generally replacement of aggregate by overburned brick”** has been submitted by

- 1) Metkari Rohit Ravasaheb
- 2) Kambale Rahul Uttam
- 3) Jagdhane Vishwanath Bhanudas
- 4) Khandekar Dinesh Gunda

For partial fulfilment of B.tech Civil Engineering(Part-II) as per curriculum laid by the DBATU University, Lonere during the academic year 2022-2023.


Prof. Adlinge S.S..
(Project Guide)


Prof. Adlinge S.S..
(H.O.D.)


Dr. Shendge R. B..
(Principal)

Date :- 15-6-23

Place :- Sangola.



DEPARTMENT OF TECHNOLOGY

EXAMINER CERTIFICATE

[Academic Year: 2022-23]

This is certify y that the project report entitled, “**Experimental study on effect of generally replacement of aggregate by overburned brick**” submitted in partial fulfilment for the award of the “**Bachelor of Technology in Civil Engineering**” by DBATU University Lonere, as a record of the students work carried out by them and it is examine by me.

Submitted by

- 1) Metkari Rohit Ravasaheb
- 2) Kambale Rahul Uttam
- 3) Jagdhane Vishwanath Bhanudas
- 4) Khandekar Dinesh Gunda


INTERNAL EXAMINER


EXTERNAL EXAMINER

**Fabtech Technical Campus,
College of Engineering and Research, Sangola.**

CERTIFICATE



This is to certify that the Technical project entitled “**Analysis Of Concrete After Replacing Coarse Aggregate With Plastic Aggregate**” has been submitted

- 5) **Mr. Maharudra Revansiddha Kope**
- 6) **Mr. Ajinkya Ankush Mali**
- 7) **Mr. Saurabh Shantinath Sawant**
- 8) **Mr. Sanket Shankar Jagtap**

for partial fulfillment of B-tech Civil Engineering (Part-II) as per curriculum laid by the DBATU University, Lonere during the academic year 2022-2023.


Prof. Adlinge S.S.

(Guide)


Prof. Adlinge S.S.

(HOD)


Dr. Shendge. R.B.

(Principal)

Date: 15/06/2023

Place: Sangola



A DEPARTMENT OF TECHNOLOGY

EXAMINER CERTIFICATE

[Academic Year: 2022-23]

This is to certify that the project entitled, "Analysis Of Concrete After Replacing Coarse Aggregate With Plastic Aggregate" submitted in partial fulfillment for the award of the "Bachelor of Technology in civil Engineering" by BATU University Lonare as a record of student work carried out by them and it is examined by me.

Submitted by

- 1) Mr. Maharudra Revansiddha Kope
- 2) Mr. Ajinkya Ankush Mali
- 3) Mr. Saurabh Shantinath Sawant
- 4) Mr. Sanket Shankar Jagtap

- 1) Mr. Maharudra Revansiddha Kope (2067561191041)
- 2) Mr. Ajinkya Ankush Mali (2067561191022)
- 3) Mr. Saurabh Shantinath Sawant (2067561191025)
- 4) Mr. Sanket Shankar Jagtap (2067561191050)


Internal Examiner


External Examiner

**"STUDY OF SEISMIC ANALYSIS OF PLAN IRREGULAR STRUCTURES BY
USING ETABS SOFTWARE"**

**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

Certificate



*This is to certify that the Technical project entitled "STUDY OF
SEISMIC ANALYSIS OF PLAN IRREGULAR STRUCTURES BY USING ETABS
SOFTWARE" has been submitted by*

Mr. Nikam Abhijeet Nanasaheb

Mr. Babar Rohan Ashok

Mr. Lavate Kantilal Bhagvan

Mr. Nayakude Akshay Ananda

*for partial fulfillment of B.Tech Civil Engineering (Part-II) as
per curriculum laid by the DBATU University, Lonere during the
academic year 2022-2023.*


Prof. Mrs. Jadhav S.A.

(Guide)


Prof. Adlinge S.S.

(HOD)


Prof. Dr. R.B. Shendge

(Principal)

Date: 15/6/2023

Place: Sangola

SEAL

**"STUDY OF SEISMIC ANALYSIS OF PLAN IRREGULAR STRUCTURES BY
USING ETABS SOFTWARE"**

A

DEPARTMENT OF CIVIL ENGINEERING

EXAMINER CERTIFICATE

[Academic Year 2022-2023]



This to certify that the project report entitled " STUDY OF SEISMIC ANALYSIS OF PLAN IRREGULAR STRUCTURES BY USING ETABS SOFTWARE " submitted in partial fulfillment for the award of the Bachelor of Technology in Civil Engineering by DBATU University, Lonere as a record of the students work carried out by them and it is examined by me.

Submitted by

Mr. Nikam Abhijeet Nanasaheb

Mr. Babar Rohan Ashok

Mr. Lavate Kantilal Bhagvan

Mr. Nayakude Akshay Ananda


INTERNAL EXAMINER


EXTERNAL EXAMINER

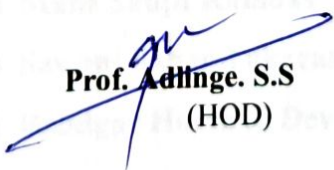
**Fabtech Technical Campus,
College of Engineering and Research, Sangola**


Certificate



*This is to certify that the Technical project entitled **"PARTIAL REPLACEMENT OF COURSE AGGREGATE BY WASTE CERAMIC TILES"** has been submitted by **Mr. Mane Sanjit Ramdas.** for partial fulfillment of **B.Tech Civil Engineering (Part-II)** as per curriculum laid by the **DBATU University, Lonere** during the academic year **2022-2023**.*


Prof. Ingale S.J.
(Guide)


Prof. Adilnge. S.S
(HOD)


Dr. R.B. Shendge
(Principal)

SEAL

Date: 15/06/2023
Place : Sangola



DEPARTMENT OF TECHNOLOGY,

EXAMINER CERTIFICATE

[Academic Year: 2022-23]

This is to certify that the project report entitled, **"PARTIAL REPLACEMENT OF COURSE AGGREGATE BY WASTE CERAMIC TILES IN CONCRETE"** submitted in partial fulfillment for the award of the **"Bachelor of Technology in Civil Engineering"** by DBATU University Lonare, as a record of the students work carried out by them and it is examined by me.

Submitted by

- 1) Pawar Prathamesh Haridas
- 2) Mane Sanjit Ramdas
- 3) Sawant Sagar Tukaram
- 4) Bandgar Harshad Devdas


INTERNAL EXAMINER


EXTERNAL EXAMINER

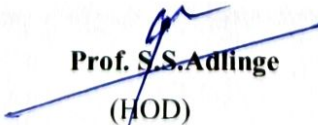
Fabtech Technical Campus,
College of Engineering and Research, Sangola


Certificate



*This is to certify that the Project entitled **"EFFECT OF PLAN AND VERTICAL IRREGULARITIES ON SEISMIC BEHAVIOR OF RC FRAMED HIGH-RISE BUILDINGS"** has been submitted by **Raut Monika, Korbu Muskan, Galave Dipali, Bandgar Priyanka** for partial fulfillment of B.Tech Civil Engineering (Part-II) as per curriculum laid by the DBATU University, Lonere during the academic year 2022-2023.*


Prof. T. N. Jagtap
(Guide)


Prof. S. S. Adlinge
(HOD)


Dr. R. B. Shendge
(Principal)



Date: 15/6/2023

Place: Sangola

ACKNOWLEDGEMENT



DEPARTMENT OF TECHNOLOGY

EXAMINER CERTIFICATE

[Academic Year: 2022-23]

This is certify y that the project report entitled, “Effect of plan and vertical irregularities on seismic behaviour of RC framed High-Rise buildings submitted in partial fulfilment for the award of the “Bachelor of Technology in Civil Engineering” by DBATU University Lonere, as a record of the students work carried out by them and it is examine by me.

Submitted by

1. Miss. Monika Nagnnth Raut
2. Miss. Muskan Khutub korbu
3. Miss. Dipali Arjun Galve
4. Miss. Priyanka Devdas Bandgar

INTERNAL EXAMINER

EXTERNAL EXAMINER

**Fabtech Technical Campus,
College of Engineering and Research, Sangola.**

Certificate



*This is to certify that the Technical Project entitled
“Effect of addition of AC Sheets waste product on
Compressive strength of Concrete.”
has been submitted by*

Ms. Yadav Sonali Anna

Mr. Salgar Akash Shivaji

Mr. Shinde Saurabh Rajkumar

Mr. Bhinge Vinayak Digambar

*For partial fulfillment of B.Tech Civil Engineering as per
curriculum laid by the DBATU University, Lonere during the
academic year 2022-2023.*

Prof. Jagtap T.N.

[Project Guide]

Prof. Adlinge S.S.

[H.O.D.]

Dr. Shendge R.B.

[Principal]

Date: 15/06/2023

Place: Sangola.

SEAL

**Fabtech Technical Campus,
College of Engineering and Research, Sangola.**

Certificate



DEPARTMENT OF TECHNOLOGY

EXAMINER CERTIFICATE

[Academic Year :- 2022-23]

This is to certify that the project report entitled **“Effect of addition of AC Sheets waste product on Compressive strength of Concrete.”** Submitted in partial fulfillment for the award of the **‘Bachelor of Technology in Civil Engineering’** by DBATU University, Lonere as a record of the students work carried out by them and it is examine by me.

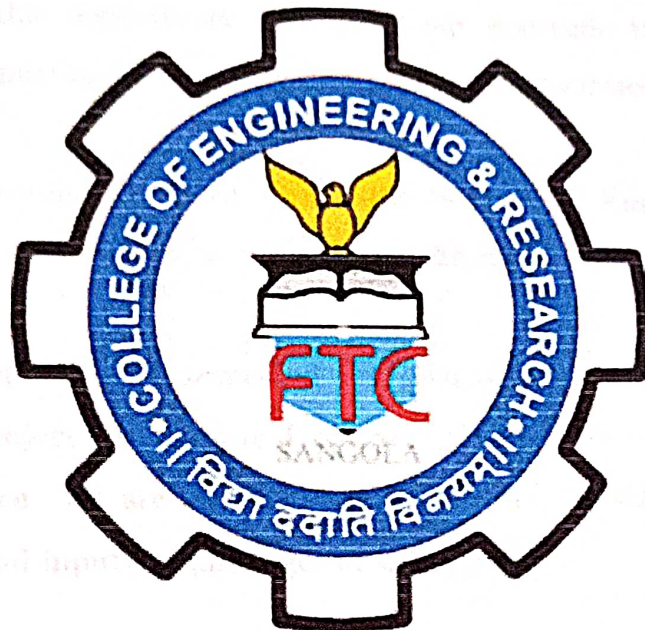
[Submitted by]

1. Ms.Yadav Sonali Anna
2. Mr.Salgar Akash Shivaji
3. Mr Shinde Saurabh Rajkumar
4. Mr.Bhinge Vinayak Digambar


INTERNAL EXAMINER

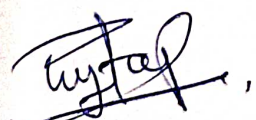

EXTERNAL EXAMINER

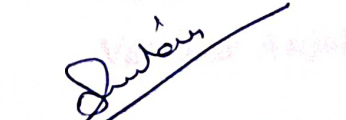
Dr. Babasaheb Ambedkar Technological University, Lonere
Fabtech College of Engineering & Research, Sangola
Department of Computer Science & Engineering





CERTIFICATE

This is to certify that the project entitled **Event Administration System** is a bonafide work carried out by **Waghmare Swapnil Subhash** [2067561242008], **Gejage Akshay Sukdeo** [2067561242028], **Vathkar Anjali Rahul** [2067561242026], in partial fulfillment of 8th semester, Bachelor of Engineering in Computer Science and Engineering under Fabtech College of Engineering & Research, Sangola during the year 2022-23.


Prof. Jagtap P.T.
Internal Guide

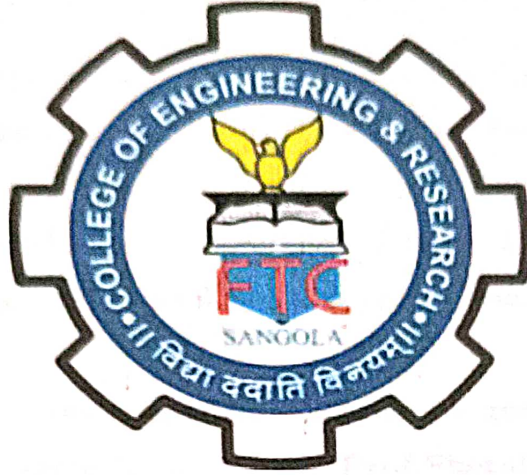

Prof. Shetake M.R.
Project Co-ordinator


Prof. Dr. Thigale S.B.
HOD


Dr. Shendge R.B.
PRINCIPAL
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH SANGOLA


Examiner: 

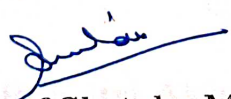
Dr. Babasaheb Ambedkar Technological University, Lonere
Fabtech College of Engineering & Research, Sangola.
Department of Computer Science & Engineering





CERTIFICATE

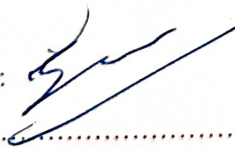
This is to certify that the project entitled Notes Gallery is a bonafide work carried out by Mr.Bajantri Akash S. [2067561242006], Mr.Kalli Bhramhadev K. [1967561293015], Mr.Kengar Sunil L. [1967561242006], SMr.Ingole Swapnil S. [2067561242016] in partial fulfillment of 7th semester, Bachelor of Engineering in Computer Science and Engineering under Fabtech College of Engineering & Research, Sangola during the year 2022-23.


Prof.INGAWALE R.V
Internal Guide


Prof.Shetake M.R
Project Co-ordinator


Prof.Dr.Thigale S.B
HOD


Dr. Shendge R.B.
Principal
FABTECH CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA

Examiner: 

CERTIFICATE



This is to certify that the project report entitles.

" Attendance System "

submitted by

Miss. Agalave Sai Nanaso (1967561372008)

Miss. Maske Komal Tanaji (2067561242003)

Mr. Sarvale Swapnil Shivaji (526756201711242100022)

Mr. Waghmode Akshay Nana (2067561242010)

Has been submitted in partially fulfilment for the award of Bachelor of Technology in Computer Science and Engineering as per the curriculum laid by DBATU, Lonere during the academic year 2022-23

Prof. Kothavale D. C.

Internal Guide

Prof. Shetake M. R.

Project Co-ordinator

Prof. Dr. Thigale S. B.

HOD

Prof. Dr. Shendge R.B.
PRINCIPAL

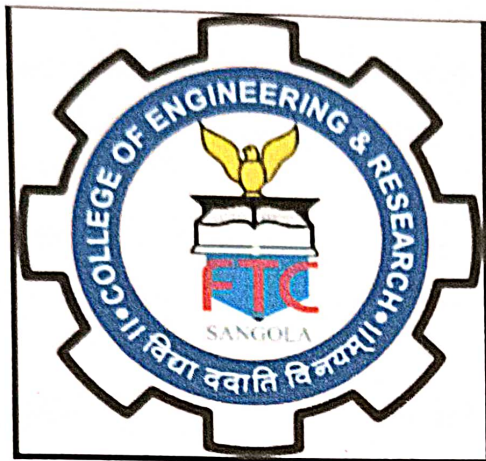
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA



**FABTECH TECHNICAL CAMPUS COLLEGE OF ENGINEERING AND
RESEARCH, SANGOLA.**

Dr. Babasaheb Ambedkar Technological University, Lonere
Fabtech College of Engineering & Research, Sangola.

Department of Computer Science & Engineering



CERTIFICATE

This is to certify that the project entitled **Cloud Based Exam Portal** is a bonafide work carried out by **Mane Ashitosh Prabhakar [1967561242026]**, **Dikole Gitanjali Rajabhau [1967561242066]**, **Kanade Nagesh Shreemant [1967561242024]**, **Patil Mayuri Anandrav [1967561242033]**, **Hakke Vitthal Birappa [1967561242005]** in partial fulfillment of 8th semester, Bachelor of Engineering in Computer Science and Engineering under Fabtech College of Engineering & Research, Sangola during the year 2022-23.

Prof. Honkalas A.B

Internal Guide

Prof. Shetake M.R

Project Co-ordinator

Prof. Dr. Thigale S.B

HOD

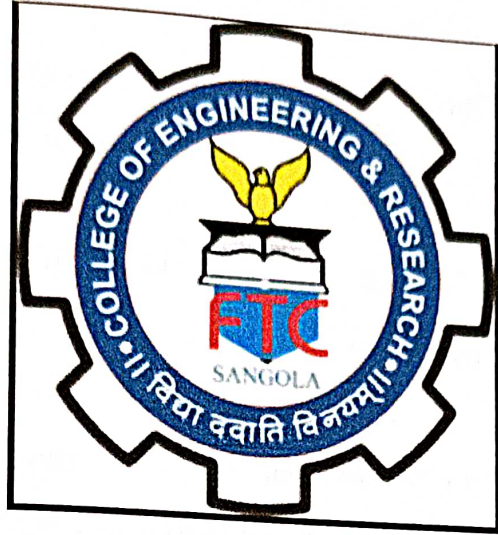
Dr. Shendge R.B.

Principal

PRINCIPAL
FABTECH CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA


Examiner:


Dr. Babasaheb Ambedkar Technological University, Lonere
Fabtech College of Engineering & Research, Sangola.
Department of Computer Science & Engineering

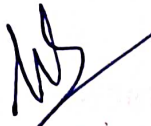


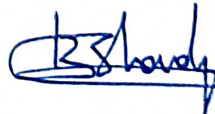
CERTIFICATE


This is to certify that the project entitled Cloud Based Exam Portal is a bonafide work carried out by Mane Ashitosh Prabhakar [1967561242026], Dikole Gitanjali Rajabhau [1967561242066], Kanade Nagesh Shreemant [1967561242024], Patil Mayuri Anandrav [1967561242033], Hakke Vitthal Birappa [1967561242005] in partial fulfillment of 8th semester, Bachelor of Engineering in Computer Science and Engineering under Fabtech College of Engineering & Research, Sangola during the year 2022-23.


Prof. Honkalas A.B.
Internal Guide


Prof. Shetake M.R.
Project Co-ordinator

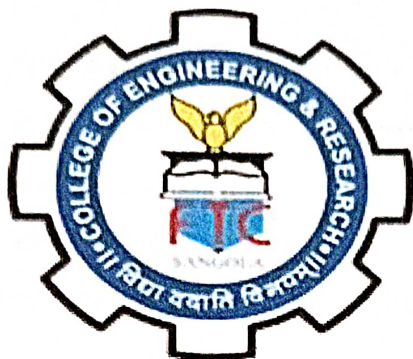

Prof. Dr. Thigale S.B.
HOD


Dr. Shendge R.B.
Principal

Examiner: 

Dr. Babasaheb Ambedkar Technological University, Lonere
Fabtech College of Engineering & Research, Sangola.

Department of Computer Science & Engineering



CERTIFICATE

This is to certify that the project entitled **Cloud Based Exam Portal** is a bonafide work carried out by **Chougule Akshay Vitthal [1967561242031]**, **Madane Shankar Ramchandra [1967561242036]**, **Jundale Anjali Rajaram [2067561242012]**, **Mule Omkar Shankar [1967561242027]** in partial fulfillment of Bachelor of Engineering in Computer Science and Engineering under Fabtech College of Engineering & Research, Sangola during the year 2022-23.

Prof. Raut S.M

Internal Guide

Prof. Shetake M.R

Project Co-ordinator

Prof. Dr. Thigale S.B

HOD

Dr. Shendge R.B.

PRINCIPAL
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA

Examiner:

Fabtech Technical Campus,
College of Engineering and Research, Sangola.

Certificate



This is to certify that the project entitled “Face Recognition Based Attendance System” has been submitted by

Mr. Raut Nilesh T.

Mr. Salunkhe Nikhil K.

Mr. Raut Swapnil D.

Mr. Malage Vishal P.

for partial fulfillment of B.Tech. Computer Science & Engineering
as per curriculum laid by the Dr. Babasaheb Ambedkar
Technological University, Lonere during the academic year
202223.

Prof. Jadhav A.G.

(Guide)

Dr. Thigale S.B

(HOD)

Dr. Shendge R.B.

PRINCIPAL

FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA

Fabtech Technical Campus, College of Engineering & Research,
Sangola.



CERTIFICATE

This is to certify that the project entitled "Jewellery Shop System" has been submitted by

Miss.Karade Jyoti Sanjay

Miss.Mujawar Sabiya Bashir

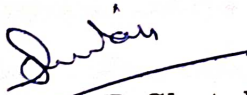
Miss.Babar priyanka Vijay

Miss.Adling Shruti Sadashiv

for partial fulfillment of B.Tech in Computer Science and Engineering as per curriculum laid by
the Dr. Babasaheb Ambedkar Technological University, Lonere during the academic year 2022-23.


Prof. D.C.Kothavale

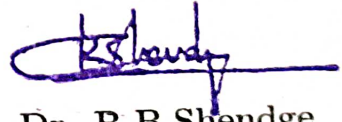
Internal Guide


Prof. M.R.Shetake

Project Co-ordinator


Prof. Dr. S.B.Thigale

HOD


Dr. R.B.Shendge

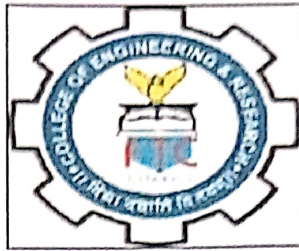
PRINCIPAL
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA

Date:

Place: Sangola



CERTIFICATE



This is to certify that

Mr. Patil Rohit Anil

Of Final year B. Tech Electronics & Telecommunication Engineering has satisfactorily completed project on

“ DRIVER DROWSINESS & ALCHOL DTECTION USING IMAGE PROCESSING ”

In the partial fulfillment for the award of


Degree of Bachelor of Technology

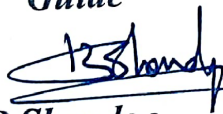
In Electronics & Telecommunication Engineering

This project is a record of students own work carried out by them during the academic year 2022-2023 as per the curriculum laid down by DBATU University, under the guidance of
Prof. Patole R.K


Date:

Place: Sangola


Prof. Patole R.K
Guide


Dr. R.B Shendge
Principal
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING


Head,
Electronics & Tele.Engg.Department
Fabtech Technical Campus
College of Engg & Research Sangola
Prof. D. M. Raut
H.O.D.


External Examiner

Department of E&TC Engineering
Fabtech Technical Campus
College of Engineering & Research, Sangola
2022-23

CERTIFICATE



This is to certify that

Miss. Koli Vaishnavi Nitin

Of Final year B. Tech Electronics & Telecommunication Engineering has satisfactorily completed project on

“Smart Home with Google Home Using Node MCU Esp8266”

In the partial fulfillment for the award of

Degree of Bachelor of Technology


In Electronics & Telecommunication Engineering

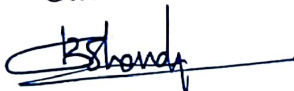
This project is a record of students' own work carried out by them during the academic year 2022-2023 as per the curriculum laid down by DBATU University, under the guidance of

Prof. D. M. Raut


Date:

Place: Sangola


Prof. D. M. Raut
Guide


Dr. R. B. Shinde
Principal
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA


Head,
Electronics & Tele. Engg. Department
Fabtech Technical Campus
College of Engg. & Research, Sangola
Prof. D. M. Raut

H.O.D.

External Examiner

Department of E&TC Engineering
Fabtech Technical Campus
College of Engineering & Research, Sangola
2022-23

CERTIFICATE



This is to certify that

Mr. Patil Pradip Bhausa

Mr. Shaikh Asif Pattulal

Mr. Shinde Swapnil Balvant

Mr. Gadhire Abhishek Rajesh

Mr. Mane Shrikant sadashiv

*Of Final year B. Tech Electronics & Telecommunication Engineering has
satisfactorily completed project on
" GSM BASED STUDENT ATTENDANCE MONITORING SYSTEM"*

In the partial fulfillment for the award of


Degree of Bachelor of Technology

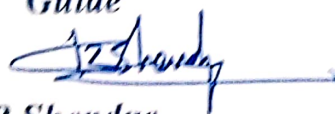
In Electronics & Telecommunication Engineering

*This project is a record of students' own work carried out by them during
the academic year 2022-2023 as per the curriculum laid down by DBATU
University, under the guidance of
Prof. Patole R.K*


Date:


Place: Sangola


Prof. Patole R.K
Guide


Dr. R.B Shendge

Principal
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA


Head,
Electronics & Tele. Engg. Department
Fabtech Technical Campus
College of Engg & Research, Sangola
Prof. D. M. Raut

H.O.D.

External Examiner

Department of E&TC Engineering
Fabtech Technical Campus
College of Engineering & Research, Sangola

2022-23

CERTIFICATE



This is to certify that
Miss. Yelpale Teajashri Shrikant
Miss. Shinde Pallavi Dadasaheb
Miss. Shinde Pritika Nandkumar
Miss. Jarag Pallavi Madhukar

Of Final year B. Tech Electronics & Telecommunication Engineering has
satisfactorily completed project on
“ Smart Irrigation System Using IOT”


In the partial fulfillment for the award of
Degree of Bachelor of Technology


In Electronics & Telecommunication Engineering

This project is a record of students' own work carried out by them during
the academic year 2022-2023 as per the curriculum laid down by DBATU
University, under the guidance of
Prof. D. M. Raut

Date: 14/06/2023

Place: Sangola


Prof. D. M. Raut
Guide


Dr. R. B. Shendge
Principal
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA


Head,
Electronics & Tele. Engg. Department
Fabtech Technical Campus
College of Engg. & Research, Sangola
Prof. D. M. Raut

H.O.D.


External Examiner

Department of E&TC Engineering
Fabtech Technical Campus, College of
Engineering & Research, Sangola

2022-23

CERTIFICATE



This is to certify that
Miss. Karande Swati Balbhim
Miss. Kate Ankita Astik
Miss. Bansode Shital Dnyaneshwar

Of Final year B. Tech Electronics & Telecommunication Engineering has
satisfactorily completed project on

"IOT BASED GREEN HOUSE MONITORING AND CONTROL SYSTEM"


In the partial fulfillment for the award
of Degree of Bachelor of Technology

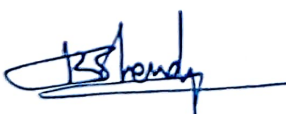
In Electronics & Telecommunication Engineering

This project is a record of students' own work carried out by them during
the academic year 2022-2023 as per the curriculum laid down by DBATU
University, under the guidance of
Prof. D.S. Patil


Date: 14/06/2023

Place: Sangola


Prof. D.S. Patil
Guide


Dr. R.B. Shendge
Principal

PRINCIPAL
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA


Head,
Electronics & Tele. Engg. Department
Fabtech Technical Campus
College of Engg. & Research Sangola
Prof. D. M. Raut
H.O.D.


External Examiner

Department of E&TC Engineering
Fabtech Technical Campus, College of
Engineering & Research, Sangola

2022-23

**Fabtech Technical Campus,
College of Engineering and Research, Sangola.**


Certificate

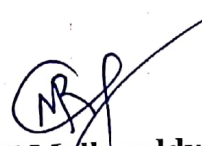



This is to certify that the technical project entitled **“DESIGN AND
DEVELOPEMENT OF BLADES FOR SMALL SCALE WIND
ENERGY”** has been submitted by

Mr. Savant Pavan G. (2067561293032)
Mr. Kamble Swapnil B. (2067561293016)
Mr. Kamble Mahesh U. (2067561293033)
Mr. Jadhav Tushar P. (2067561293029)
Mr. Aiwale Pradip H. (2067561293024)
Miss. Bhagat Rutuja S. (2067561293023)

For partial fulfilment of B.tech Electrical Engineering as per curriculum laid
by the DBATU University, Lonere during the academic year 2022-2023.


Prof. MR. Khadtare
(Project Guide)


Prof. CH. Mallareddy
(H.O.D.)


Dr. R.B. Shendge
(Principal)

Date: - 16/06/23
Place: - Sangola.

**Fabtech Technical Campus,
College of Engineering and Research, Sangola.**

Certificate



This is to certify that the project entitled **“ROLE OF INVERTER IN
DESIGN OF MODERN WIND ENERGY SYSTEM”** has been submitted

by

Mr. Shinde Tushar D. (2067561293028)

Mr. Kadam Omkar V. (2067561293018)


Mr. Shriram Piyush A. (2067561293030)


Mr. Vhankhande Sangameshwar S. (2067561293020)

Mr. Swami Rushikesh R. (2067561293021)

Miss. Sarate Snehal R. (2067561293037)

For partial fulfilment of B.Tech Electrical Engineering as per curriculum laid
by the DBATU University, Lonere during the academic year 2022-2023.


Prof. CH. Mallareddy
(Project Guide)


Prof. CH. Mallareddy
(H.O.D.)


Dr. Shendage R. B.
(Principal)

Date :- 16/06/2023

Place :- Sangola.

CERTIFICATE

This is to certify that the project entitled,

“TO STUDY OF AUTOMATIC STREET LIGHT TIMER CONTROLLER USING ARDUINO.”

Submitted by

MR.AKSHAY KANTA PISE


MR.KRUSHNARAJ ANANTA TERVE


MR.SAGAR RAVINDRA KASBE

MR.SUNIL SHRIMANT TERVE


MR.VAIBHAV ADINATH ANUSE

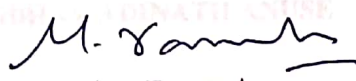
is hereby approved in partial fulfillment of the Degree of Bachelor Engineering in Electrical Engineering


Prof. Rupali Bansode
(Project Guide)


(Principal)

Dr. Shendge R.B


Prof. Ch. MallaReddy
(HOD)


External - Examiner.

**FABTECH COLLEGE OF ENGINEERING AND
RESEARCH, SANGOLA.**

2022-2023

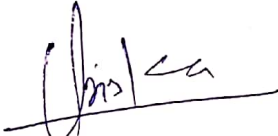
CERTIFICATE


This is to certify that the report entitled,
**"Lead Acid Battery For Off Grid Inverter Type
Wind Power Generation"**

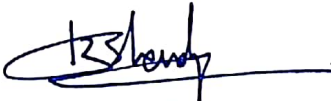
Submitted by

**MR. SAGAR DAUND
MR. SWASTIK CHOUGULE
MISS. LAXMI TUPSOUNDARYA
MISS. SONALI RANDAVE
MISS. ARPITA DODAKE
MISS. KANCHAN THITE**

is hereby approved in partial fulfilment of the Degree of Bachelor Engineering
in Electrical Engineering


Prof. Ujanikar P.P
(Guide)


Prof. C.H. Mallareddy
(HOD)


Dr. Shendage R. B
(Principal)



Department of Electrical Engineering

CERTIFICATE

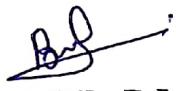
This is to certify that the Project report on,

“MAXIMUM POWER POINT TRACKING CHARGE CONTROLLER IN WINDMILL”

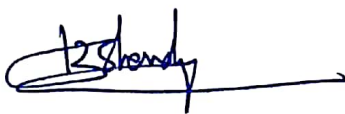
Submitted by

Mr .Nadaf Iqbal Sayyad	(1967561293044)
Mr. Halake Suprit Vitthal	(1967561293042)
Mr. Bhosale Pratik Balasaheb	(1967561293043)
Mr.Telgaon Mantesh Chandrakant	(1967561293011)
Mr. Kodag Abhishek Prabhakar	(2067561293037)

Is hereby approved in partial fulfilment of the Degree of Bachelor
Engineering in Electrical Engineering


Prof. Bile.P.M.
(Guide)


Prof. CH. Mallareddy
(Head of Department)


Dr.R.B. Shendge
(Principal)



**Department of Electrical Engineering
Fabtech Technical Campus
College of Engineering and Research, Sangola.
2022-2023**

**Fabtech Technical Campus,
College of Engineering and Research, Sangola**


Certificate





This is to certify that the Project report Entitled
“ HYDRAULIC “O” RINGS TESTING MACHINE .”
is submitted by

- 1) MR. KHANDAGALE PRANAV CHANDRAKANT
- 2) MR. GANPATIL SHUBHAM SUNIL
- 3) MISS. BABAR PRAJAKTA VIJAY
- 4) MR. JADHAV MAHES JALINDAR

*For partial fulfillment of Bachelor's Degree in Mechanical
by the Engineering as per curriculum laid DBATU University,
Lonere during the academic year 2022-2023.*


Prof. Jakukore V.S
(Guide)


Prof. Autade R.S
(HOD)


Dr. Shendge R.B.
(Principal)

Date: 16/7/2023

Place: Sangola



**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

Certificate



*This is to certify that the Project report Entitled
“RO WITH UV WATER PURIFIER”
is submitted by*

Mr. SIDANINGAPPA SUBHAS POTADAR


Mr. NANASO KISAN KOLEKAR


Mr. PIYUSH LIMBAJI KHANDARE

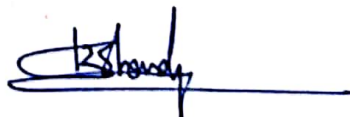
Mr. NITIN VISWAS MASAL

Mr. FIROJ AJIJ MULLA

*For partial fulfillment of Bachelor's Degree in Mechanical by the
Engineering as per curriculum laid DBATU University, Lonere during
the academic year 2022-2023.*


Prof. T.S Jagtap
(Guide)


Prof. R.S. Autade
(HOD)


Dr. R.B. Shendge
(Principal)

Date: _____
Place: Sangola



EXTERNAL

Fabtech Technical Campus,
College of Engineering and Research, Sangola


Certificate

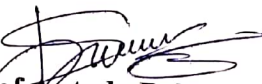



This is to certify that the Project report Entitled
“Experimental Heat Transfer Analysis of Different Fin
Geometries by Natural Convection.”
is submitted by

- 1) MR. KADAM AKSHAY JANU
- 2) MR. SABALE VISHWAJIT RAJARAM
- 3) MR. KADASARE SAGAR SITARAM
- 4) MR. LOKHANDE ANILKUMAR BAYAJI

For partial fulfillment of Bachelor's Degree in Mechanical
by the Engineering as per curriculum laid DBATU University,
Lonere during the academic year 2022-2023.


Prof. Kulkarni S.D.
(Project Guide)


Prof. Autade R.S.
(HOD)


Dr. Shendge R.B.
(Principal)

Date: 16/06/23

Place: Sangola



Fabtech Technical Campus,
College of Engineering and Research, Sangola

Certificate



This is to certify that the Project report Entitled
"MULTIPURPOSE DRILLING MACHINE"
is submitted by

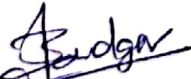
Mr. KAMBLE ROSHANIL REVAN

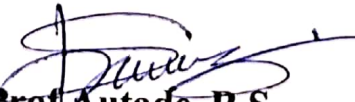
Mr. DHAVRE ROHIT RAJNIKANT


Mr. DESHMUKH SAMADHAN BALASO

Mr. UDAGAVE DIPAK JAYKUMAR

*For partial fulfillment of Bachelor's Degree in Mechanical by the
Engineering as per curriculum laid DBATU University, Lonere
during the academic year 2023-2024.*


Prof. Bandgar S.M.
(Guide)


Prof. Autade R.S.
(HOD)


Dr. Shendge R.B.
(Principal)

Date: 16/06/2023
Place: Sangola




EXTERNAL

Fabtech Technical Campus,
College of Engineering and Research, Sangola

Certificate

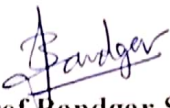


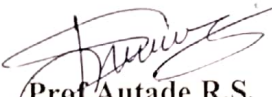
This is to certify that the Project report Entitled
“DESIGN AND DEVELOPMENT OF SOLAR FRUITS AND VEGETABLE DRYER”

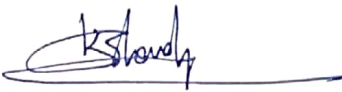
is submitted by

- 1) MR. MULE AKASH ANIL
- 2) MR. BHANDE OMKAR UTTAMKUMAR
- 3) MR. CHANDANSHIVE RUTURAJ NAMDEV
- 4) MR. KAMBLE GOURAV KAKASO

For partial fulfilment of Bachelor's Degree in Mechanical by the
Engineering as per curriculum laid DBATU University, Lonere during the
academic year 2022-2023.


Prof. Bandgar S.M.
(Project co-ordinator)


Prof. Autade R.S.
(HOD)


Dr. Shendge R.B.
(Principal)

Date: 16/06/2023

Place: Sangola



**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

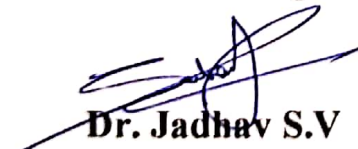
Certificate





This is to certify that the Project report Entitled
“Solar Powered Multipurpose Agricultural Machine”
is submitted by

- 1) MR. VAGARE BIRA MADHUKAR
- 2) MS. WAGHMODE SONALI TANAJI
- 3) MR. JADHAV VISHWAJIT SURESH
- 4) MR. KENGAR SUNIL ARJUN

*For partial fulfillment of Bachelor's Degree in Mechanical
by the Engineering as per curriculum laid DBATU University,
Lonere during the academic year 2022-2023.*


Dr. Jadhav S.V.
(Guide)


Prof. Autade R.S.
(HOD)


Dr. Shendge R.B.
(Principal)

Date: _____

Place: Sangola



**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

Certificate



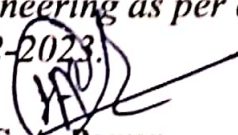
This is to certify that the Project report Entitled


“Fluid Flow Analysis of Microchannels for Microfluidic Application”

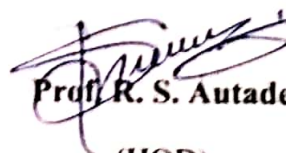
is submitted by

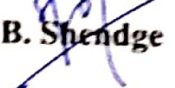
- 1) Tamboli Aryan Ashish**
- 2) Nayaku Omkar Laxman**
- 3) Bagwan Rahil Khaja**
- 4) Kamble Amar Manohar**

For partial fulfilment of Bachelor's Degree in Mechanical by the Engineering as per curriculum laid DBATU, Lonere during the academic year 2022-2023.


Prof. S. A. Pawar
(Project Guide)


Prof. S. G. Mane
(Project Co-Guide)


Prof. R. S. Autade
(HOD)


Dr. R. B. Shendge
(Principal)

Date: _____



**Fabtech Technical Campus,
College of Engineering and Research, Sangola**


Certificate




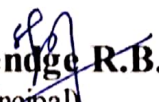
This is to certify that the Project report Entitled
“MULTI PURPOSE FLOOR CLENGING MACHINE.”
is submitted by

- 1) MR. PUJARI PRAVIN NANASO
- 2) MR. SANGRAMSING SAUDAGR GIDDE
- 3) MR. SARATE SWAPANIL SATYAWAN
- 4) MR. PATIL PRATIK SAHADEV

*For partial fulfillment of Bachelor's Degree in Mechanical
by the Engineering as per curriculum laid DBATU University,
Lonere during the academic year 2022-2023.*


Prof. Kulal S.D.
(Guide)


Prof. Autade R.S
(HOD)


Dr. Shendge R.B.
(Principal)

Date: 16/6/23

Place: Sangola



**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

Certificate



This is to certify that the Project report Entitled
“Efficient HHO Generator Kit Design”
is submitted by

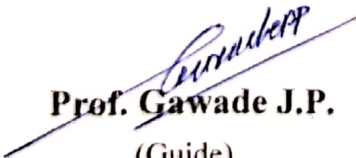
MR. LENGARE SHRIKANT DHONDIBA

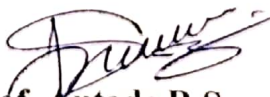
MR. SAHIL SHAHAJAHAN PATHAN

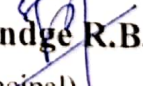
MR. DIPAK RAVINDRA BHAJANAWLE

MR. SANDIP PRALHAD BANSODE

*For partial fulfillment of Bachelor's Degree in Mechanical
by the Engineering as per curriculum laid DBATU University,
Lonere during the academic year 2022-2023.*

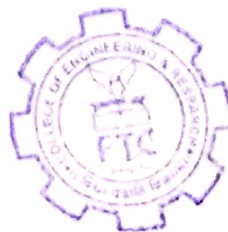

Prof. Gawade J.P.
(Guide)


Prof. Autade R.S.
(HOD)


Dr. Shendge R.B.
(Principal)

Date: 16/06/23

Place: Sangola



**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

Certificate

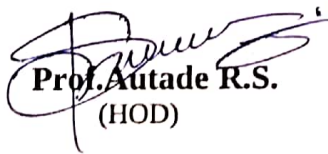


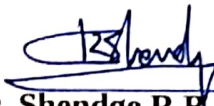
This is to certify that the Project report Entitled
“ WIRELESS E-VEHICLE CHARGING STATION .”
is submitted by

- 1) MR. PAWAR PRADEEP MARUTI
- 2) MR. RODE SOPAN NANA
- 3) MR. PINGALE SHUBHAM LAXMAN
- 4) MR.RANPISE MAYUR BHARAT
- 5) MR JADHAV SUDIP PRABHAKAR

For partial fulfillment of Bachelor's Degree in Mechanical
by the Engineering as per curriculum laid DBATU University,
Lonere during the academic year 2022-2023.


Prof. Mane S.G.
(Project co-ordinator)


Prof. Autade R.S.
(HOD)


Dr. Shendge R.B.
(Principal)

Date: _____

Place: Sangola



**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

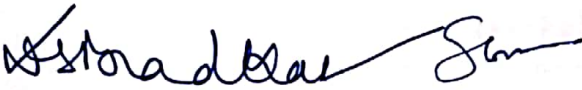
Certificate



This is to certify that the Project report Entitled
“Training and Placement Login And Registration Module”
is submitted by

- 1) MR. MADGULKAR HARSHAL CHANDRAKANT
- 2) MR. SHINDE PRASHANT HARI
- 3) MR. ERANDE MAHADEV MALHARI
- 4) MR. KENGAR KRUSHNA REVAPPA

*For partial fulfilment of Bachelor's Degree in Mechanical by the
Engineering as per curriculum laid DBATU, Lonere during the academic year
2022-2023.*



Dr. Prof. D. S. Badkar

(Project Guide)

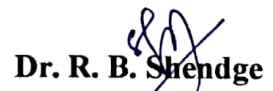
Prof. S. G. Mane

(Project Co-Guide)



Prof. R. S. Autade

(HOD)



Dr. R. B. Shendge

(Principal)

Date: 16/06/2023

Place: Sangola



**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

Certificate





*This is to certify that the Project report Entitled
“Design and Fabrication of Multipurpose
Seed Sowing Machine”
is submitted by*

- 1) MR. SHENDAGE VAIBHAV V.
- 2) MR. KHADATARE DIPAK S.
- 3) MR. CHANDANSHIVE SURAJ S.
- 4) MR. PANDHARE DATTATRAY R.

*For partial fulfillment of Bachelor's Degree in Mechanical
by the Engineering as per curriculum laid DBATU University ,
Lonere during the academic year 2022-2023.*


Prof. Mane S.G
(Project co-ordinator)


Prof. Autade R.S
(HOD)


Dr. Shendge R.B.
(Principal)

Date: 16/06/23

Place: Sangola



**Fabtech Technical Campus,
College of Engineering and Research, Sangola**

Certificate



This is to certify that the Project report Entitled
**“DESIGN AND FABRICATION OF BATTERY
OPERATED GRASS CUTTER.”**
is submitted by

- 1) **MR. SWAPNIL NANASAHEB AGALAVE**
- 2) **MR. RAHUL MAHADEO CHAVAN**
- 3) **MR. SAGAR SANDIPAN KHANDEKAR**
- 4) **MR. RAMDAS POPAT JAGTAP**

*For partial fulfillment of Bachelor's Degree in Mechanical by
the Engineering as per curriculum laid DBATU University, Lonere
during the academic year 2022-2023.*

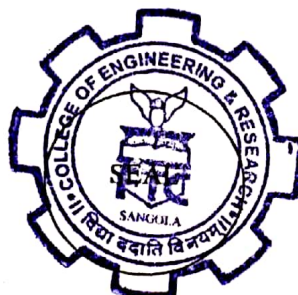
16/06/23
P. P. Pawaskar.
Prof. S. G. Mane
(Project co-ordinator)
Guide

[Signature]
Prof. R. S. Autade
(HOD)

[Signature]
Dr. R. B. Shendge
(Principal)

Date: 16/06/23

Place: Sangola



[Signature]

Fabtech Technical Campus,
College of Engineering and Research, Sangola


Certificate

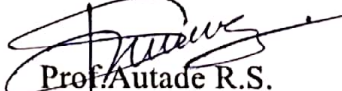


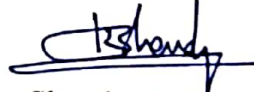
This is to certify that the Project report Entitled
“ 360 DEGREE ROTATING FIRE PROTECTION ROBOT”
is submitted by

- 1) MR. SONURE SATYAJEET PANDURANG
- 2) MR. PADOLKAR AKASH VISHNU
- 3) MR. BANDGAR ARJUN ANKUSH
- 4) MR. SHALAKE NAVANATH ANANDA

For partial fulfillment of Bachelor's Degree in Mechanical
by the Engineering as per curriculum laid DBATU University,
Lonere during the academic year 2022-2023.


Prof. Patil R.A.
(Project Guide)


Prof. Autade R.S.
(HOD)


Dr. Shendge R.B.
(Principal)

Date: 16/06/23

Place: Sangola



**Fabtech Technical Campus,
College of Engineering and Research, Sangola**


Certificate




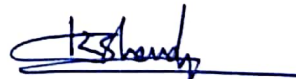
This is to certify that the Project report Entitled
“Design and Fabrication of Corn Threshing Machine.”
is submitted by

- 1) **MR. ARJUN CHAITANYA BIRUDEV**
- 2) **MR. LAWATE VIKRAM VIJAY**
- 3) **MR. KASHID VISHAL PANDURANG**
- 4) **MISS. BIRAJDAR DIPALI SHIDDHESHWAR**

For partial fulfillment of Bachelor's Degree in Mechanical
by the Engineering as per curriculum laid DBATU University,
Lonere during the academic year 2022-2023.


Prof. Mane S.G.
(Project co-ordinator)


Prof. Autade R.S.
(HOD)


Dr. Shendge R.B.
(Principal)

Date: _____

Place: Sangola



Fabtech Technical Campus,
College of Engineering and Research, Sangola

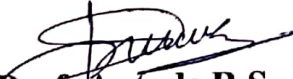
Certificate

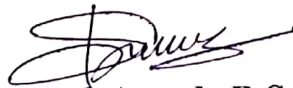



This is to certify that the Project report Entitled
“Hydraulic Spring Stiffness Testing Machine”
is submitted by

- 1) MR. KASHID GORAKHNATH SUKHADEO
- 2) MR. NIKAM SWAPNIL TANAJI
- 3) MR. KHOT KRISHNA BALASO
- 4) MR. YAMGAR SUDARSHAN TANAJI

*For partial fulfillment of Bachelor's Degree in Mechanical
by the Engineering as per curriculum laid DBATU University,
Lonere during the academic year 2022-2023.*


Prof. Autade R.S
(Guide)


Prof. Autade R.S
(HOD)


Dr. Shendge R.B.
(Principal)

Date: 16/06/2023

Place: Sangola



Industrial Visit / Field Visit Data



An Education Empowered by Industry...
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING & RESEARCH

[Approved by AICTE, New Delhi; DTE., [M.S.], Mumbai &
Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist.-Raigad]
NAAC Accredited 'B' Grade ISO 9001:2015 Certified Institute
Pandharpur Road, Gat No.565/1, Sangola, Taluka:-Sangola, District:- Solapur.- 413 307, .P.O. Box No. 04
Contact No.: 840888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Date: 17/03/2023

To,
The Principal,
Fabtech College of Engineering & Research, Sangola.

Subject: Permission for industrial short visit.

Respected Sir,

With reference to above mentioned subject, we wish to arrange industrial visit the details of which are as follows.

Name of Industry: Construction of Mohan Hospital Building and Multiplex Theatre at Sangola.

Address of visit: Sangola.

Date of visit: 18th March 2023

Branch and class: T.Y. Civil Engg.

No of students: 28

Mode of Transport: Fabtech College Bus.

Purpose of visit: Curriculum Related (Building Construction)


Name of faculty involved: All Faculty Members.

You are requested to give us permission for above.

Yours Faithfully


Industrial Visit Committee Member


H.O.D
Civil Engg. Department

permitted.

17/3/2023





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FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING & RESEARCH

[Approved by AICTE, New Delhi; DTE., [M.S.], Mumbai &
Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist.-Raigad]
NAAC Accredited 'B' Grade ISO 9001:2015 Certified Institute
Pandharpur Road, Gat No.565/1, Sangola, Taluka:-Sangola, District:- Solapur.- 413 307, .P.O. Box No. 04
Contact No.: 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Ref: FTCCOERS/CIVIL/

Date: 18th March 2023

To,
The Manager,
Shiv-Parvati Multiplex Cinema,
Sangola.

Respected Sir,

This is to express our heartfelt gratitude for permission our students for the educational visit on Multiplex Cinema Building project to T.Y. (Civil Engg.) students on dated 18th March 2023. We appreciate your thoughtfulness in the explanation and thoroughness in delivering helpful guidance. We also appreciate your willingness to interact with students before and after your educational visit.

We are also thankful for motivating our students for their study related points. Your years of experience and ability to present the Multiplex Cinema Theatre project related subject knowledge in such an interesting way which is one of the most memorable moments for the students.

We are grateful for sparing your precious time to our students. We request same kind of cooperation in future also.

Thanking you,

With Warm Regards.

Your's faithfully

PRINCIPAL
Fabtech Technical Campus
College of Engg. & Research

Shiv Parvati Cinema Hall

Proprietor



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FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING & RESEARCH

[Approved by AICTE, New Delhi; DTE., [M.S.], Mumbai &
Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist.-Raigad]
NAAC Accredited 'B' Grade ISO 9001:2015 Certified Institute
Pandharpur Road, Gat No.565/1, Sangola, Taluka:-Sangola, District:- Solapur.- 413 307, .P.O. Box No. 04
Contact No.: 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Ref: FTCCOERS/ CIVIL/

Date : 18/03/2023

To,
The Manger,
Shiv-Parvati Multiplex Cinema,
Sangola.

Subject: Requesting permission to visit and study of Multiplex Cinema Building.

Respected Sir,

Fabtech Technical Campus College of Engineering and Research (FTCCOERS), Sangola took birth in June 2011. Located near Sangola, FTCCOERS soon emerged as a leading technological institute in Western Maharashtra.

As a part of curriculum, T. Y. (Civil Engg.) students proposed an Multiplex Cinema Building field visit to Sangola. This proposed visit on dated 18th March 2023 and students have agreed to abide by the rules and regulations laid down by the your organisation in this matter. The students will be accompanied by the faculty members in the department. There are 28 students and faculty members to visit your building project.

We request you to please give permission and guide him.

Thanking you,

Your's faithfully

PRINCIPAL
Fabtech Technical Campus
College of Engg. & Research
E

Shiv Parvati Cinema Hall
Proprietor



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FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING & RESEARCH
[Approved by AICTE, New Delhi; DTE., [M.S.], Mumbai &
Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist.-Raigad]
NAAC Accredited 'B' Grade ISO 9001:2015 Certified Institute
Pandharpur Road, Gat No.565/1, Sangola, Taluka:-Sangola, District:- Solapur.- 413 307, .P.O. Box No. 04
Contact No.: 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Ref: FTCCOERS/CIVIL/

Date: 18th March 2023

To,
Site Engineer,
Mohan Hospital Building,
Sangola.

Respected Sir,

This is to express our heartfelt gratitude for permission our students for the educational visit on Multiplex Cinema Building project to T.Y. (Civil Engg.) students on dated 18th March 2023. We appreciate your thoughtfulness in the explanation and thoroughness in delivering helpful guidance. We also appreciate your willingness to interact with students before and after your educational visit.

We are also thankful for motivating our students for their study related points. Your years of experience and ability to present the Hospital Building project related subject knowledge in such an interesting way which is one of the most memorable moments for the students.

We are grateful for sparing your precious time to our students. We request same kind of cooperation in future also.

Thanking you,

With Warm Regards.

Your's faithfully

PRINCIPAL
Fabtech Technical Campus
College of Engg.& Research
f

Received

Permitted

18/03/2023.

NOTICE

Date:- 17/03/2023

All the students of Third Year Civil Engineering are hereby informed that as per curriculum, industrial visit is compulsory on 18-03-2023 at **Mohan Hospital Building Construction & Cinema Multiplex at Sangola**. Those who fail to attend are responsible to their academic loss. For more details you may contact with your subject teacher.


Industrial Visit Coordinator


Head
Department of Civil Engineering
Fabtech Technical Campus
College of Engineering & Research
Sangola Dist Solapur


PRINCIPAL
Fabtech Technical Campus
College of Engg. & Research



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[Approved by AICTE, New Delhi; DTE., [M.S.], Mumbai &
Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist.-Raigad]
NAAC Accredited 'B' Grade ISO 9001:2015 Certified Institute
Pandharpur Road, Gat No.565/1, Sangola, Taluka:-Sangola, District:- Solapur.- 413 307, .P.O. Box No. 04
Contact No.: 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Ref: FTCCOERS/ CIVIL/

Date : 18/03/2023

To,
Site Engineer,
Mohan Hospital Building,
Sangola.

Subject: Requesting permission to visit and study of Hospital Building.

Respected Sir,

Fabtech Technical Campus College of Engineering and Research (FTCCOERS), Sangola took birth in June 2011. Located near Sangola, FTCCOERS soon emerged as a leading technological institute in Western Maharashtra.

As a part of curriculum, T. Y. (Civil Engg.) students proposed an Hospital Building field visit to Sangola. This proposed visit on dated 18th March 2023 and students have agreed to abide by the rules and regulations laid down by the your organisation in this matter. The students will be accompanied by the faculty members in the department. There are 28 students and faculty members to visit your building project.

We request you to please give permission and guide him.

Thanking you,

Your's faithfully

PRINCIPAL

Fabtech Technical Campus
College of Engg. & Research

Received

Permitted

18/03/2023.



FABTECH TECHNICAL CAMPUS COLLEGE OF ENGINEERING & RESEARCH

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Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist.-Raigad]
NAAC Accredited 'B' Grade ISO 9001:2015 Certified Institute
Pandharpur Road, Gat No.565/1, Sangola, Taluka:-Sangola, District:- Solapur.- 413 307, .P.O. Box No. 04
Contact No.: 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Industrial Short Visit

TY Civil Engg. Attendance Sheet

Sr. No.	Name of Student	Sign. Of Student
1	Mujawar Shabab Kadar	S.S. Kulkarni
2	Kulkarni Shripad Sharad	Pawar S.S.
3	Pawar Rajvardhan Baban	S.T. Ingole
4	Ingole Shubham Tanaji	Howal Komal Kanta
5	Howal Komal Kanta	Surve Ashwini Shukrachrya
6	Surve Ashwini Shukrachrya	Howal Ratnaprabha Ravso
7	Howal Ratnaprabha Ravso	Beldar Gorakh Ramchandra
8	Beldar Gorakh Ramchandra	Sargule Gaurav Vinayak
9	Sargule Gaurav Vinayak	Raut Sumit Bharat
10	Raut Sumit Bharat	Godase Shubham Narayan
11	Godase Shubham Narayan	Shaikh Sahil Ramjan
12	Shaikh Sahil Ramjan	Hanamagonda Chanabasappa Basalingappa
13	Hanamagonda Chanabasappa Basalingappa	Gadhire Pruthviraj Bharat
14	Gadhire Pruthviraj Bharat	Javir Abhishek Ramchandra
15	Javir Abhishek Ramchandra	Patil Amol Manik
16	Patil Amol Manik	Bhore Sagar Balaso
17	Bhore Sagar Balaso	Pawar Nikita Ramdas
18	Pawar Nikita Ramdas	Kale Vikas Sarjerao
19	Kale Vikas Sarjerao	Fulari Rahil Yusuf
20	Fulari Rahil Yusuf	Kamble Pratiksha Suresh
21	Kamble Pratiksha Suresh	Pawar Onkar Parmeshwar
22	Pawar Onkar Parmeshwar	Dudhal Jyoti Duryodhan
23	Dudhal Jyoti Duryodhan	Ingawale Vaibhav Ashok
24	Ingawale Vaibhav Ashok	Kashid Rohan Rajaram
25	Kashid Rohan Rajaram	Mane Prakash Dnyaneshwar
26	Mane Prakash Dnyaneshwar	Sonavale Vishal Gajanan
27	Sonavale Vishal Gajanan	Babar Prathmesh Lalasaheb
28	Babar Prathmesh Lalasaheb	Mane Manoj Mohan
29	Mane Manoj Mohan	Shingare Sanket Limbaji
30	Shingare Sanket Limbaji	Bansode Pranav Balasaheb
31	Bansode Pranav Balasaheb	Patil Shubham Arun
32	Patil Shubham Arun	Patil Sanket Sahebrao
33	Patil Sanket Sahebrao	Gaikwad Mukesh Arun
34	Gaikwad Mukesh Arun	Inamdar Saba Javed
35	Inamdar Saba Javed	Pise Abhimanyu Jalindar
36	Pise Abhimanyu Jalindar	Kashid Raturaj Sahebrao
37	Kashid Raturaj Sahebrao	Vhate Pratik Sanjay
38	Vhate Pratik Sanjay	Huchgaud Prashant Balaso
39	Huchgaud Prashant Balaso	Burungale Raju Balu
40	Burungale Raju Balu	Bamanale Vinay Sidmal
41	Bamanale Vinay Sidmal	Shinde Sachin Damu
42	Shinde Sachin Damu	Ladkat Suhas Tanaji
43	Ladkat Suhas Tanaji	Zargad Akshay Nandkumar
44	Zargad Akshay Nandkumar	Salunkhe Rohit Ramdas
45	Salunkhe Rohit Ramdas	Patil Rajkumar Bharat
46	Patil Rajkumar Bharat	

Industrial Visit Coordinator

Head
Department of Civil Engineering
Fabtech Technical Campus
College of Engineering & Research

Site Visit Permission Letter

Date: 15/05/2023

To,

Honorable Chief Officer,
Municipal Council,
Pantghatpur (413304),

Subject: Permission for site visit of Water Treatment Plant/Waste Water Treatment Plant

Dear Sir,

Greetings from FTC, COER Sangola!

Fabtech Technical Campus College of Engineering & Research (COER), Sangola, established in the year 2011, offers various undergraduate and postgraduate engineering courses. Fabtech Technical Campus College of Engineering & Research is the Dream Project of Late Hon. Shri Birasaheb A. Rupnar, an eminent industrialist, a technocrat and a visionary par excellence. The Institute is affiliated to Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere, recognized by All India Council for Technical Education (AICTE), New Delhi; accredited by the National Assessment and Accreditation Council (NAAC), Bengaluru and ISO 9001:2005 certified. The Institute runs six UG Programmes: Artificial Intelligence and Data Science, Computer Engineering, Electronics & Telecommunication Engineering, Electrical Engineering and Mechanical Engineering, Civil Engineering.

The Department of Civil Engineering is planning to conduct site visit to Water Treatment Plant/Waste Water Treatment Plant. The site visit is as per BATU curriculum to bridge the gap between academics and industry. So we are requesting you to sanction permission to SY students (Twenty Five) and faculty (Three) representative to visit the Water Treatment Plant/Waste Water Treatment Plant on Wednesday (17th May 2023)/Thursday (18th May 2023) tentatively. Looking forward to your favourable response.

वारनिशी लिपीक,
पंढरपुर नगरपरिषद, पंढरपुर.

16 MAY 2023

Prof. S. S. Adlinge
Head

Department of Civil Engineering
Fabtech Technical Campus
College of Engineering & Research
Sangola Dist. Solapur



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**FABTECH TECHNICAL CAMPUS COLLEGE OF
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(Approved by AICTE, New Delhi, DTE., (M.S.) , affiliated to DBATU,
Lonere) Pandharpur Road, Gat No. 565/1, Sangola, Taluka:-Sangola, District:- Solapur. 413
307. P.O. Box No.04
Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com M:8408888657

NOTICE

Date: 17/05/23

As per DBATU curriculum, Environmental Engineering subject site visit is scheduled on 18/05/2023; 10 am (Thursday) at Pandharpur.

All the SY class students are hereby informed to attend the visit as attendance is mandatory to all. All are suggested to present in college uniform and with necessary belongings.


Head of Civil
Department

Permission Letter

17/05/2023

To,
Principal
College of Engineering Technology & Research
Fabtech Technical Campus, Sangola

Subject: Regarding permission to visit Water Treatment Plant and Sewage Treatment Plant at Pandharpur on 18/05/2023 (Thursday).

Respected Sir,

With reference to above subject, as per university curriculum for Environmental Engineering subject (SY Civil) site visit to water treatment Plant and sewage treatment plant is scheduled on 18/05/2023 at Pandharpur. The necessary permission from water treatment plant and sewage treatment plant authority has been taken. So we request you to permit for the site visit and arrange the college bus for the bus.

No. of Students: 36

No. of faculties: 03



Thanking You
Shivanand Mali
(Subject Incharge)

forwarded to Principal
sir
gms
noo civil

permitted.

17/5/2023

permitted
AAR

Visit Report of Water Treatment Plant



Date: 18/05/2023

Resource Person: Mr. D. V. Jadhav

General Information

Pandharpur Water Works department, have set up a Water Treatment Plant at Isbavi village. The association has set up a 13 MLD filtration plant to treat the water. In this plant different types of treatments is done on raw water like pre-chlorination, post chlorination, rapid sand filtration, back washing etc.

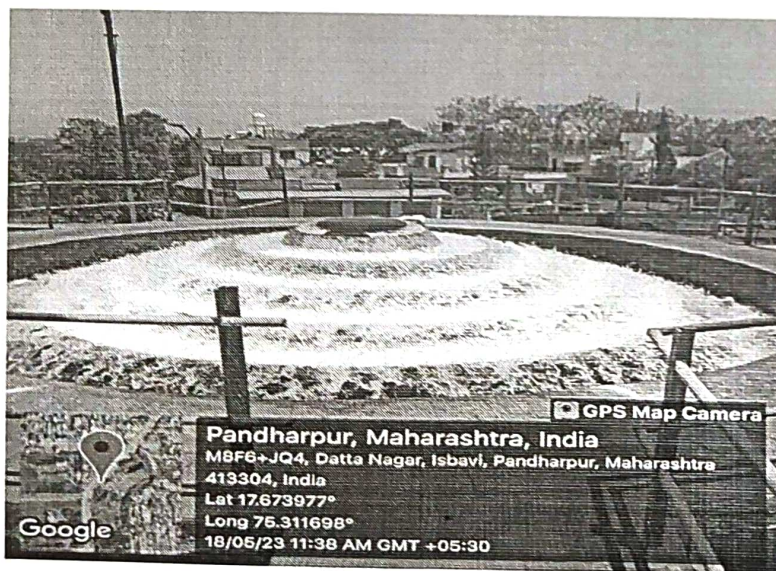
Purpose of Visit

Our main purpose for this visit was to give the practical knowledge about how raw water is treated and how water is distributed in different village. By this visit students can be familiar with industrial environment and get knowledge of different units of water treatment plant.

What we learn?

At starting Mr. Jadhav gave the basic knowledge about treatment process, they explain to students about that before arriving at your tap , water treated at the Water Treatment Plant to remove sediment, bacteria, and other impurities . Jadhav sir explained the process from the first step.

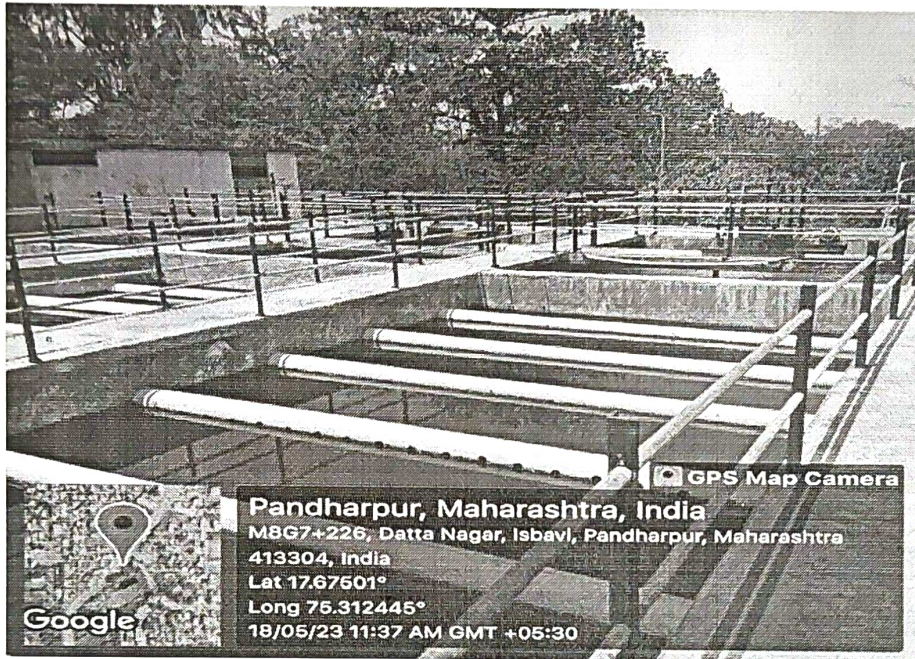
1) Aeration:



Aeration is the process of bringing water and air into close contact in order to remove dissolved gases, such as carbon dioxide & to oxidize dissolved metals such as iron. It can also used for to remove volatile organic chemicals in water. Aeration is often the first major process at the treatment plant.

After rapid mixing, the water flows into flocculation basins, where the flow of water is slowed and the floc has time to grow bigger.

4) Sedimentation :



Next, the water flows into sedimentation basins, where the heavy floc particles sink to the bottom and are removed.

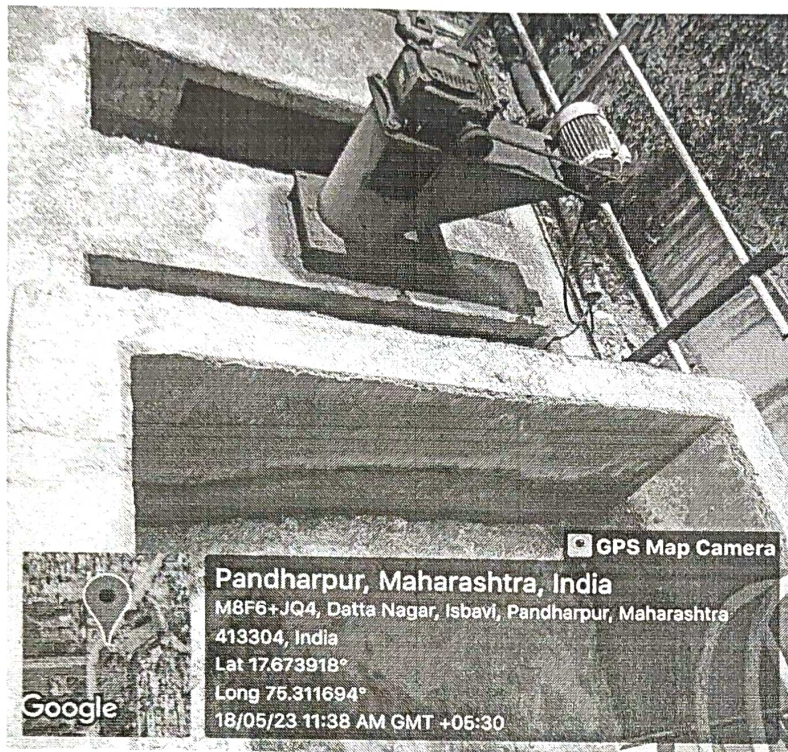
5) Filtration :

Now the water travels through large filters made of sand, gravels, and anthracite. Filtration removes any remaining microscopic particles and microorganisms.

Backwash water contains the solids removed from the filters, and contractors. The floc particles are separated out in settling tanks and clarifiers.

The clean water from the clarifier is DE-chlorinated (removal of chlorine from water) using sodium bisulphate before it is distributed to villages.

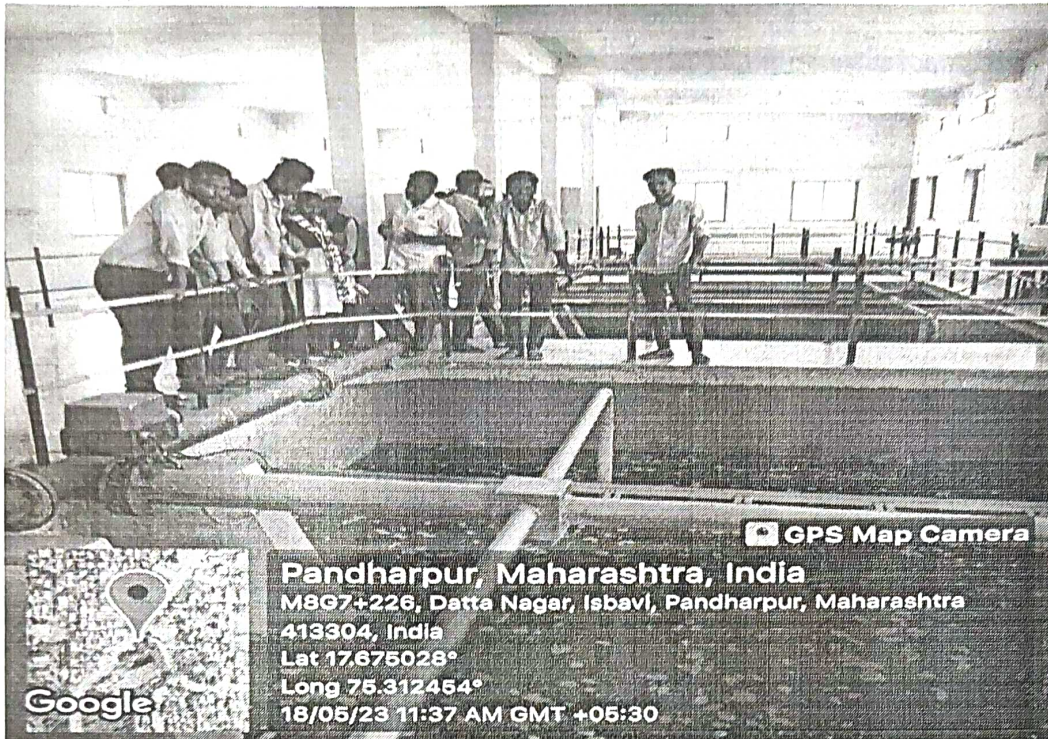
2) Flash Mixing:



Treated water is then subjected to violent agitation in a “mixing chamber” for a few minutes. This allows quick and rapid dissemination of alum throughout the bulk of the water.

3) Flocculation:





6) Disinfection :

Finally, the water is disinfected to protect it against bacteria. Chlorine dioxide and a combination of chlorine and ammonia called chloramines used to disinfect the water.

Conclusion

From this visit, we get the information and practical knowledge about the treatment of raw water and components used in treatment plant. And the knowledge about detailed process of filtration process. The visit was nicely completed.

Thank You

Visit report of sewage water treatment plant



Date : 18/05/2023

Resource person: Nilkanth Shinde

General information

The 2.5 MLD capacity of soil biotechnology (SBT) based decentralized wastewater treatment plant at Pandharpur was set up to treat wastewater from pilgrim accommodation and colonies. The treated water is being used for irrigation and agricultural purposes. The area of installation of plant is 1800 sq. m+ utility space . In this plant different types of treatment is done on waste water like screening , sludge removal , sedimentation, aeration etc.

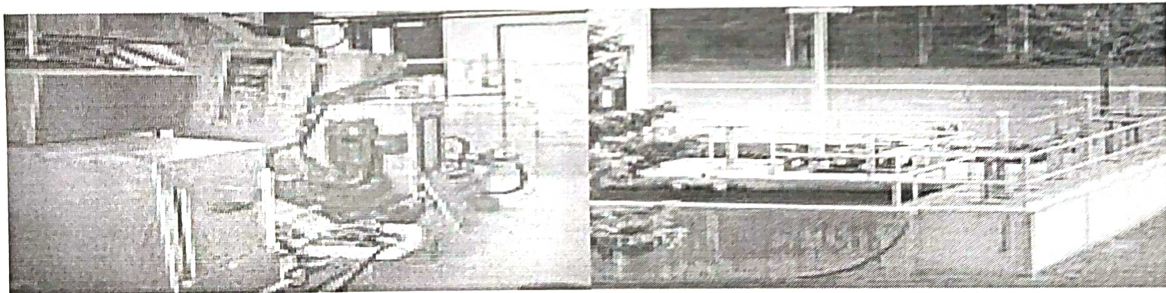
Purpose of visit

Our main purpose for this visit was to give the practical knowledge about how Waste water is treated and how water is used in irrigation purpose. By this visit Students can be familiar with industrial environment and get knowledge of Different units of waste water treatment plant.

What we learn..?

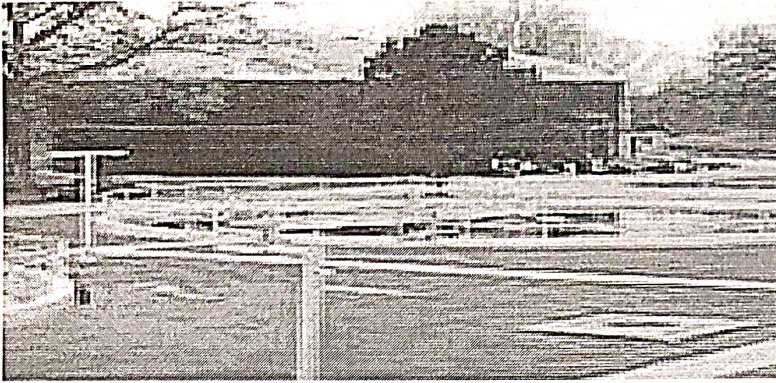
At starting Mr. Shinde gave the basic knowledge about treatment process, they Explain to students about that before arriving at your field , water treated at the Water Treatment Plant to remove odour, bacteria, and other impurities . Shinde sir explained the process from the first step.

Step 1: Screening and Pumping



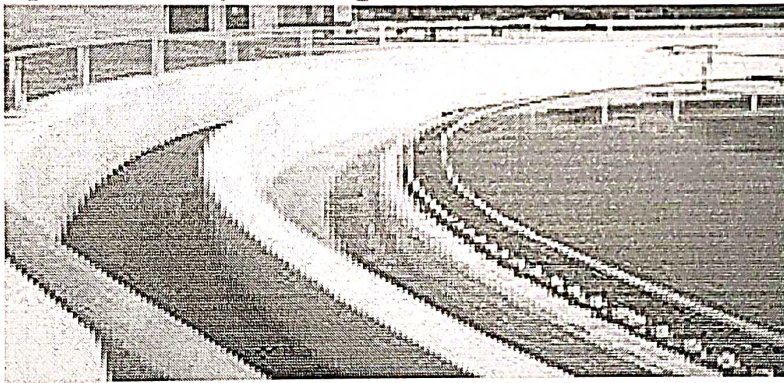
The incoming wastewater passes through screening equipment where objects such as rags, wood fragments, plastics, and grease are removed. The material removed is washed and pressed and disposed of in a landfill. The screened wastewater is then pumped to the next step: grit removal.

Step 2: Grit Removal



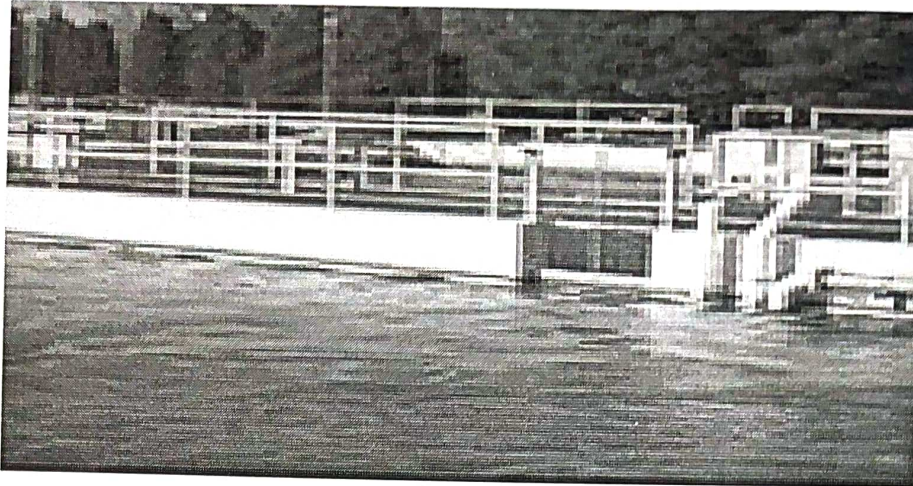
In this step, heavy but fine material such as sand and gravel is removed from the wastewater. This material is also disposed of in a landfill.

Step 3: Primary Settling



The material, which will settle, but at a slower rate than step two, is taken out using large circular tanks called clarifiers. The settled material, called primary sludge, is pumped off the bottom and the wastewater exits the tank from the top. Floating debris such as grease is skimmed off the top and sent with the settled material to digesters. In this step, chemicals are also added to remove phosphorus.

Step 4: Aeration / Activated Sludge



In this step, the wastewater receives most of its treatment. Through biological degradation, the pollutants are consumed by microorganisms and transformed into cell tissue, water, and nitrogen. The biological activity occurring in this step is very similar to what occurs at the bottom of lakes and rivers, but in these areas the degradation takes years to accomplish.

Step 5: Secondary Settling

Large circular tanks called secondary clarifiers allow the treated wastewater to separate from the biology from the aeration tanks at this step, yielding an effluent, which is now over 90% treated. The biology (activated sludge) is continuously pumped from the bottom of the clarifiers and returned to the aeration tanks in step four.

Step 6: Filtration

The clarified effluent is polished in this step by filtering through 10 micron polyester media. The material captured on the surface of the disc filters is periodically backwashed and returned to the head of the plant for treatment.

Step 7: Disinfection

To assure the treated wastewater is virtually free of bacteria, ultraviolet disinfection is used after the filtration step. The ultraviolet treatment process kills remaining bacteria to levels within our discharge permit.

Step 8: Oxygen Uptake

The treated water, now in a very stabilized high quality state, is aerated if necessary to bring the dissolved oxygen up to permit level. After this step, the treated water passes through the effluent outfall where it joins the Oconomowoc River. The water discharged to the river must meet stringent requirements set by the DNR. Pollutant removal is maintained at 98% or greater.

Sludge Treatment

The primary sludge pumped from the bottom of the primary clarifiers in step three, along with the continuous flow of waste activated sludge from the aeration / activated sludge process in step four, must be treated to reduce volume and produce a usable end product. The sludge treatment process involves four steps as described here.

Conclusion

From this visit we came to know the thorough study about the introduction, principle, design, initial & final parts in sewage treatment plant. This visit is really helpful for our future studies, we studied the working process of sewage treatment plant & organizational work.

Thank you...!

Date: 24/05/2023

To,
The Principal,
Fabtech College of Engineering & Research, Sangola.

Subject: Permission for industrial long visit.

Respected Sir,

With reference to above mentioned subject, we wish to arrange industrial visit the details of which are as follows.

Name of Industry: Radhanagari Dam, Devgad Light House and Sindhudurg Fort (Geology subject).

Address of visit: Radhanagari, Sindhudurg and Devgad.

Date of visit: 26th and 27th May 2023.

Branch and class: S.Y. and T.Y. Civil Engg.

No of students: 21

Mode of Transport: Private Bus.

Purpose of visit: Curriculum Related (Water Resources Engg., Hydraulics and Geology Subjects)

Name of faculty involved:

1. Prof. Dudhal K. M. -
2. Prof. Jagtap Akshata -

You are requested to give us permission for above.

Yours Faithfully


Industrial Visit Coordinator

permitted.


24/5/2023


Head
Department of Civil Engineering
Fabtech Technical Campus
College of Engineering & Research
Sangola Dist. Solapur

NOTICE

Date:-25/05/2023

All the students of Second Year and Third Year Civil Engineering are hereby informed that as per curriculum, industrial visit is compulsory on 26-05-2023 and 27-05-2023 at **Radhanagari Dam and Devgad Light House, Sindhudurg.** Those who fail to attend are responsible to their academic loss. For more details you may contact with your subject teacher **Prof. Dudhal K. M.**



Industrial Visit Coordinator



Head
Department of Civil Engineering
Fabtech Technical Campus
College of Engineering & Research
Sangola Dist Solapur



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& RESEARCH, SANGOLA

Fabtech College of Engineering & Research, Sangola
Department of Computer Science & Engineering

UNDERTAKING BY THE PARENTS

I Gurugadhar Gaulade Father/Mother/Guardian of Saurajit Gaulade
resident of Vchithan, Tal - Mangalwela, Dist - Solapur.
telephone no. 9175798383 do declare as under.

- 1) That I am giving full consent to the travel of my children/ ward for attending Industrial Visit to Radhanagari Dam, Devgad Light House and Sindhudurg Fort on 26th May 2023 to 27th May 2023.
- 2) I am aware that trip may be delayed by couple of hours due to unforeseen circumstances.
- 3) My son/daughter will not create any indiscipline during the entire visit. In case of any indiscipline the college authority can take any disciplinary action against my son/daughter.
- 4) I will not be holding responsible the college authorities in case of any accident or mishappening keeping in view the above points.

Name: Gurugadhar Gaulade
Signature: Gaulade G.P.



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Contact No.: 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Department of Civil Engineering

ATTENDANCE SHEET S.Y. - 2022-23

Industrial Visit at Radhanagari Dam, Devgad Light House and Sindhudurg Fort
Dist. Sindhudurg.

		Date: 26/05/2023 & 27/05/2023	
SR. NO.	ROLL NO.	NAME OF STUDENT	SIGNATURE
1	CVL01	GADADE SAMARJIT GANGADHAR	<i>Samarjit</i>
2	CVL04	GANGTHALE SWAPNIL SAMBHAJI	<i>Swapnil</i>
3	CVL07	METKARI PRASAD VITTHAL	<i>P.V. Metkari</i>
4	/CVL09	INGAWALE AISHWARYA BHARAT	<i>Ingawale</i>
5	/CVL12	JADHAV RUPALI MAHADEV	<i>Jadhav</i>
6	/CVL14	MALI RUTUJA NAMADEV	<i>Rutuja</i>
7	CVL15	YADAV SUSHANT KERAPPA	<i>Sushant</i>
8	/CVL16	MANE VIJAYA VILAS	<i>V.V. Mane</i>
9	/CVL19	BHANDARE ADITI SHIVAJI	<i>Aditi</i>
10	CVL23	DETHE SAMARTH SURESH	<i>Samarth</i>
11	/CVL24	RAUT POOJA RAVINDRA	<i>Pooja</i>
12	CVL27	BIRAJDAR ATUL SANTOSH	<i>Atul</i>
13	CVL31	GAIKWAD SHUBHAM MOHAN	<i>G. Shubham</i>
14	CVL34	KAMBALE SHIVAM ARVIND	<i>Shivam</i>

Total Students = 14

Boy's = 08 Girl's = 06

Faculty = 02

Faculty :- 1) Pst. Dudhal Kanchappa Managani - *Dudhal*
2) Ms. Jagtap Akasheta Tulashelkar - *Jagtap*

[Signature]
Industrial Visit Co-ordinator

[Signature]
Head
Department of Civil Engineering
Fabtech Technical Campus
College of Engineering & Research
Sangola Dist. Solapur



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Department of Civil Engineering
ATTENDANCE SHEET T.Y. - 2022-23

Industrial Visit at Radhanagari Dam, Devgad Light House and Sindhudurg Fort
Dist. Sindhudurg.

		Date: 26/05/2023 & 27/05/2023	
SR. NO.	ROLL NO.	NAME OF STUDENT	SIGNATURE
1	CVL09	Sargule Gaurav Vinayak	<i>Sargule Gaurav</i>
2	CVL11	Godase Shubham Narayan	<i>Godase</i>
3	CVL12	Shaikh Sahil Ramjan	<i>Shaikh</i>

Total Students= 03	Boy's = 03	Girl's = 00	Faculty = 02
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Milkan
Industrial Visit Co-ordinator

Cm
Head
Department of Civil Engineering
Fabtech Technical Campus
College of Engineering & Research
Sangola Dist Solapur



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Contact No.: 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Ref: FTCCOERS/ CIVIL/ *Dam-3210*

Date: 25/05/2023

To,
Executive Engineer,
Radhanagari Dam,
Radhanagari.

Subject: Requesting permission to visit and study of Radhanagari Dam.

Respected Sir,

Fabtech Technical Campus College of Engineering and Research (FTCCOERS), Sangola took birth in June 2011. Located near Sangola, FTCCOERS soon emerged as a leading technological institute in Western Maharashtra.

As a part of curriculum, S.Y. and T. Y. (Civil Engg.) students proposed an Water Power Engineering Projects field visit to Radhanagari Dam. This proposed tour on dated 26th May 2023 and students have agreed to abide by the rules and regulations laid down by the your organisation in this matter. The students will be accompanied by the faculty members in the department. There are 21 students and 2 faculty members to visit your project.

We request you to please give permission and guide him.

Thanking you,

Your's faithfully

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COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA



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Contact No.: 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Ref: FTCCOERS/ CIVIL/ *Dam -3210*

Date: 25/05/2023

To,
Executive Engineer,
Radhanagari Dam,
Radhanagari.

Respected Sir,

This is to express our heartfelt gratitude for permission our students for the educational visit on Radhanagari Gravity Dam to S.Y. and T.Y. (Civil Engg.) students on dated 26th May 2023. We appreciate your thoughtfulness in the explanation and thoroughness in delivering helpful guidance. We also appreciate your willingness to interact with students before and after your educational visit.

We are also thankful for motivating our students for their study related points. Your years of experience and ability to present the Water Resources Engg. and Hydraulics project related subject knowledge in such an interesting way which is one of the most memorable moments for the students.

We are grateful for sparing your precious time to our students. We request same kind of cooperation in future also.

Thanking you,

With Warm Regards.

Your's faithfully

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COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA



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Contact No.: 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Ref: FTCCOERS/ CIVIL/ *Light house-3210(A)*

Date: 25/05/2023

To,
Project Manager,
Devgad Light House,
Devgad.

Respected Sir,

This is to express our heartfelt gratitude for permission our students for the educational visit on Light House tower structure to S.Y. and T.Y. (Civil Engg.) students on dated 27th May 2023. We appreciate your thoughtfulness in the explanation and thoroughness in delivering helpful guidance. We also appreciate your willingness to interact with students before and after your educational visit.

We are also thankful for motivating our students for their study related points. Your years of experience and ability to present the Transportation Engg.project related subject knowledge in such an interesting way which is one of the most memorable moments for the students.

We are grateful for sparing your precious time to our students. We request same kind of cooperation in future also.

Thanking you,

With Warm Regards.

Your's faithfully

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Contact No.: 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Ref: FTCCOERS/ CIVIL/ *Light house -3210CA*

Date: 25/05/2023

To,
Project Manager,
Devgad Light House,
Devgad.

Subject: Requesting permission to visit and study of Light House Structure.

Respected Sir,

Fabtech Technical Campus College of Engineering and Research (FTCCOERS), Sangola took birth in June 2011. Located near Sangola, FTCCOERS soon emerged as a leading technological institute in Western Maharashtra.

As a part of curriculum, S.Y. and T. Y. (Civil Engg.) students proposed an Light House Tower Projects field visit to Devgad. This proposed tour on dated 27th May 2023 and students have agreed to abide by the rules and regulations laid down by the your organisation in this matter. The students will be accompanied by the faculty members in the department. There are 21 students and 2 faculty members to visit your project.

We request you to please give permission and guide him.

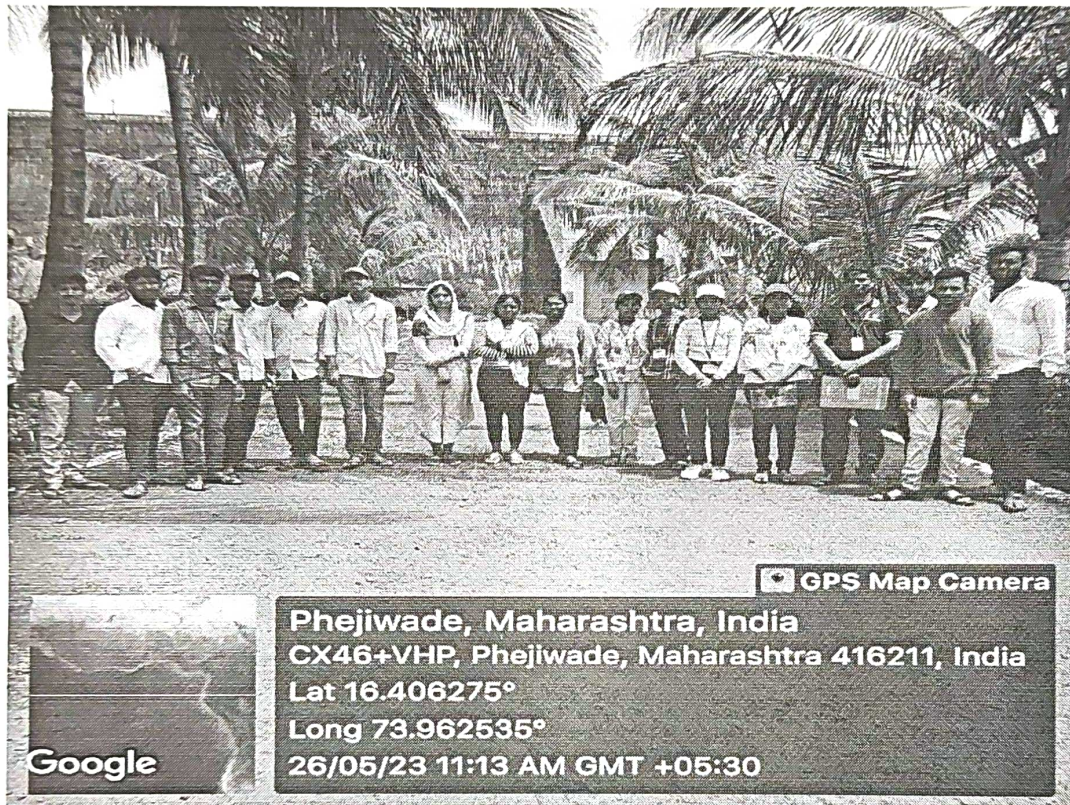
Thanking you,

Your's faithfully

**PRINCIPAL
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA**

❖ Industrial Visit Report

• Radhanagari Dam:



Date: 26 May 2023

General Information

Radhanagari Dam is one of the oldest dam and gravity dam in India built on the river Bhogawati in Radhanagari near Kolhapur. It is constructed by Rajarshi Shahu on 18 Feb 1907. The water is used for irrigation, harnessing hydro power, and for the consumption iv several adjoining villages. The is located amidst scenic surrounding in the backdrop of thick forest cover.

Purpose of visit

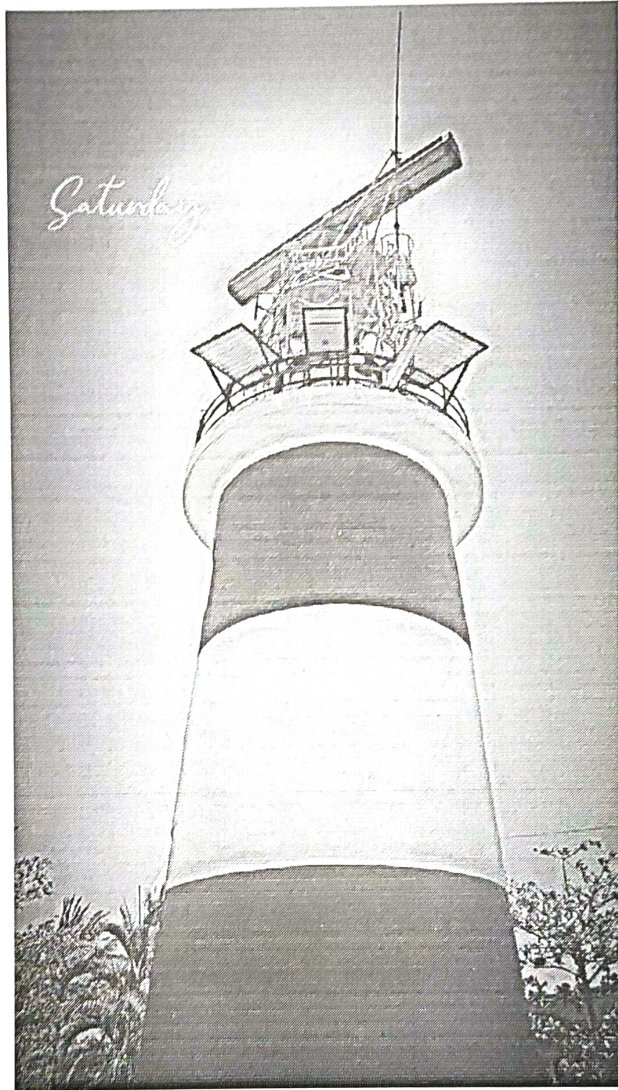
Our main purpose for this visit was to give the practical knowledge about irrigation as well as hydro-electricity power generation. By this visit students can be familiar with industrial environment and get knowledge of Hydro-electric power generation.



What we learn

Radhanagari Dam supports large variety of Flora and Fauna. It is surrounded by dense forest and has wide variety of wildlife and naturally evolved ecosystem. The dam is famous for its automatically operated 7 gates, which doesn't require any electrical or mechanical power to operate to it. The height and length of the dam is 42.68m and 1143m respectively. The total volume of reservoir is 2200000000m³ and its total surface area is 18213km³.

• Devgad Light House



Date :- 27May 2023

General Information

The Lighthouse was constructed by the British during 1860 CE and was commissioned into service on 25th March 1864 CE. The colonial styled architecture of this light house is really astonishing. The tower has a dome on the top, from where the entrance to the

lantern room can be accessed. The first order optical equipment was removed and replaced by 2nd order optical equipment and 55 mm PV burner in the year 1933 CE.



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Contact No. : 8408880657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Department of Computer Science & Engineering

INDUSTRY VISIT REPORT

Name of Company- Acme Infovision System Private Limited, Satara

Students Involved –SY and TY

Faculty Involved- 1) Prof. S. M. Raut 2) Prof.G. G. Kale 3) Prof. D.C. Kothavale 4) Mr.Sachin Gadhire

Student Coordinator- 1) Mr.Vinay Nalwade(CC-TY) 2) Mr.Abhijeet Bhuse(CC-SY)

1. **Introduction:** The purpose of this report is to provide an overview of the industrial visit conducted for computer science engineering (CSE) students. The visit aimed to provide students with practical exposure to the tech industry and its various facets. The visit took place on 25/5/2023 to 26/5/2023 and included a tour of Acme Infovision System Private Limited, Satara, a leading technology company in Maharashtra.
2. **Objectives:** The objectives of the industrial visit were as follows:
 - To familiarize CSE students with real-world applications of their theoretical knowledge.
 - To provide an opportunity for students to observe the work environment, culture, and infrastructure of a technology company.
 - To expose students to the latest trends, innovations, and technologies in the industry.
 - To enable students to interact with professionals working in the field and gain insights into their experiences.
3. **Company Profile:** Acme Infovision System Private Limited, Satara is a renowned technology company specializing in Software Development. It was founded in 2006 and has since grown to become a global leader in its industry. The company offers a wide range of products and services. Its workforce comprises highly skilled professionals who are passionate about innovation and technology.
4. **Visit Details:** On the day of the visit, 50 CSE department students, accompanied by 04, were welcomed by the company's representatives. The visit encompassed the following activities:
 - 4.1. **Company Presentation:** The visit commenced with a comprehensive presentation about the company's history, vision, mission, and core values. This session provided an overview of the company's achievements, current projects, and future goals. It also highlighted the technological advancements and contributions made by the company in the industry.



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Department of Computer Science & Engineering



4.2. Facility Tour: After the presentation, the students were taken on a guided tour of the company's facilities. They visited different departments and observed the infrastructure, workstations, labs, and specialized equipment. The tour showcased the company's commitment to maintaining a state-of-the-art work environment that promotes creativity and collaboration.





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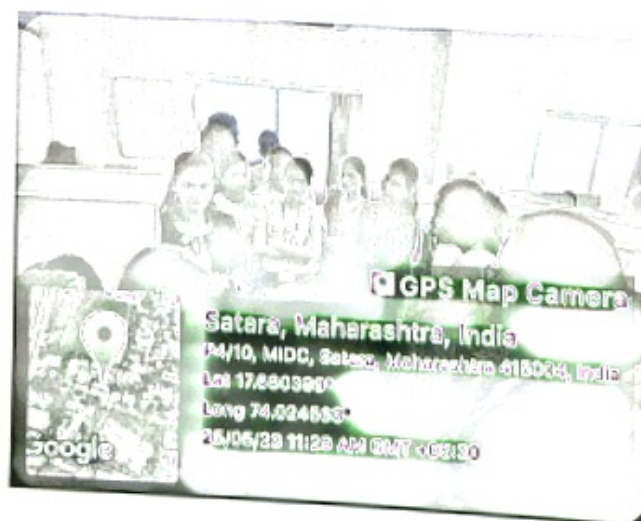
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Department of Computer Science & Engineering

4.3. Interaction with Professionals: During the visit, students had the opportunity to interact with professionals from various teams within the company. They engaged in meaningful discussions, asking questions about the professionals' roles, responsibilities, and their career journeys. This interaction provided valuable insights into the skills, knowledge, and experiences required to thrive in the tech industry.



4.4. Technical Demonstrations: To showcase the company's technological prowess, students were treated to live demonstrations of some of the latest projects or products developed by the company. This allowed them to witness the practical applications of concepts they had studied in their coursework and gain a deeper understanding of the industry's cutting-edge technologies.





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5. Key Learnings: The industrial visit provided several significant learnings for the CSE students, including:

5.1. Practical Application of Knowledge: Students witnessed firsthand how the concepts and theories they had learned in the classroom were applied in real-world scenarios. This experience bridged the gap between theory and practice, enhancing their understanding of the subject matter.

5.2. Industry Trends and Innovations: The visit exposed students to the latest industry trends, innovations, and emerging technologies. They gained insights into the company's research and development efforts, which broadened their knowledge and encouraged them to stay updated with advancements in the field.

5.3. Work Environment and Culture: By observing the work environment, students gained an understanding of the company's culture, teamwork dynamics, and the importance of effective communication. They recognized the significance of adaptability, continuous learning, and problem-solving skills in a professional setting.

5.4. Career Opportunities: Interacting with professionals helped students explore various career paths within the tech industry. They received guidance on developing the requisite skills, pursuing higher education.

Industrial Visit Coordinator

Prof. G. G. Kale

HOD

Dr. S. B. Thigale

Head

CS, Engg. Department
Fabtech Technical Campus
College of Engg. Research Sangola



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Contact No. : 8400000657 Website: www.fabtecheducation.com E-mail : ftc_coe@rediffmail.com

Department of Computer Science & Engineering



Date: 19/05/2023

To,
The Principal,
FTC College of Engineering & Research, Sangola.

Subject: Permission for 2-days Industrial Visit 2K23

Respected Sir,

We the students CSE department are by requesting you to allow and permit us for industrial visit as below details-

Expected Days & Dates: 25th May 2023 to 26th May 2023

Expected Route:

Sangola – Pune (Industry Visit) – Harihareshwar (Ganpati Mandir) – Raigad Fort – Mahabaleshwar – Satara – Sangola.

No. of Students coming:

SY: 40 (Boys=22 & girls=18)

TY: 40 (Boys= 24 & girls=16) Total=80 approx.

Number of Staff: Gents - 2 Ladies - 2

Expected Budget per head: 2000 Rs/-

No of industry Visits= 02

Company Details: 1. Submatix Technology Pvt. Ltd., Hadapsar, Pune. 411001

2. I-Medita Technologies, Pune. 411001

Stay Place Details: Harihareshwar (Ganpati Mandir)

We assure to follow all rules & regulation of institute. We all students are responsible for any consequences. Institute will not be responsible for that.

So, please consider our application & allow us.

Thanking You.

Forwarded
to
Respected Sir,
W
Bhigale
19/5/23

permitted.
20/5/2023-


Yours Faithfully,
SY & TY Class



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Contact No. : 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Date: 25.05.2023

To,
CEO,
Acme Infovision Systems Private Limited, Satara

Subject: Permission for industrial visit.

Respected Sir,

With reference to above mentioned subject, we wish to arrange industrial visit of SY and TY Computer Science students of Fabtech Technical Campus College of Engineering & Research, Sangola at Acme Infovision Systems Private Limited, Satara. So Please approve the request for the industrial visit. The details of which are as follows,

Name of Industry: Acme Infovision Systems Private Limited, Satara

Address of visit: MIDC, Satara

Date of visit: 24 /05/2023

Branch and class: Computer Science & Engineering: SY & TY CSE

No of students: 54

Mode of Transport: BUS

Purpose of visit: Industry Interaction

Name of faculty involved: 1. Prof. Kale G. G. 2. Prof. Raut S. M. 3. Prof. Kothavale D. C.
4. Mr. Gadhire S.

You are requested to give us permission for above.


Visit Coordinator


H.O.D.





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Contact No. : 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Date: 25.05.2023

To,
CEO,
Acme Infovision Systems Private Limited, Satara

Subject: Thanking You.

Respected Sir,

With reference to above mentioned subject, we Department of Computer Science & Engineering, Fabtech Technical Campus College of Engineering & Research, Sangola Thank you for accepting our request of industrial visit and providing industry knowledge to our students.

We are grateful for sparing your precious time to our students. We request same kind of cooperation in future also.

Thanking You,

f. D. S.
HOD CSE

Recd
25/5/23





Vinay <vinaynalavadeooo7@gmail.com>

Fwd: Permission for Industrial Visit on 20/05/2023

2 messages

HOD CSE <hodcse@ftccoe.ac.in>

To: "vinaynalavade0007@gmail.com" <vinaynalavade0007@gmail.com>

12 May 2023 at 11:57

----- Forwarded message -----

From: **Ms.Harshita** <info@imedita.com>

Date: Fri, 12 May 2023, 11:54 am

Subject: Permission for Industrial Visit on 20/05/2023

To: <vinaynalavadeo007@gmail.com>, <nitinlawate01@gmail.com>, <hodcse@ftccoe.ac.in>

Dear Mr.Vinay,

as per the discussion and email recived from Dr.Somnath (HoD-CSE Dept. FTC COER) I am happy to inform you following things-

1. You can come for Visiting our office for Industrial purpose on 20/05/2023 between 11 am to 01 pm along with max 150 Students & Staff.

2. Ensure to be in formal dress and no camera, mobiles are allowed inside campus.

Reply to acceptance on or before 12/05/2023 upto 05.00pm.

Ms.Harshita

HR-coordinator

<https://www.imedita.com/>

Vinay <vinaynalavade0007@gmail.com>

To: "sunwasemadhu@gmail.com" <sunwasemadhu@gmail.com>

12 May 2023 at 11:58

[Quoted text hidden]



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Department- Computer Science & Engineering

Class- TY

Contact-List

Roll No.	Name of the Student	Personal Mobile Number 1	Personal Mobile Number 2	Parent mobile Number 1
1	BORATE DNYANESHWAR JAGANNATH	7028814413	7028814413	9057760671
2	HIPPARKAR SITAL MACHHINDRA	7028828976	7028828976	9975198620
3	SHINDE PRITESH AVINASH	7057973156	7057973156	9356323512
4	RUPNAWAR ABHIJIT DHANAJI	7066796839	7066796839	7410164924
5	KASHID SUPRIYA BANDU	7219867779	7219867779	7821850166
6	BILE AJAY RAJARAM	7350856613	7350856613	9527701077
7	YEDAGE SAGAR RAJARAM	7420828477	7420828477	9130979560
8	WAGHMARE ASHITOSH ANIL	7620722534	7620722534	7820965486
9	KUMBHAR ONKAR ANKUSH	7666949442	7666949442	9730156081
10	SHENDAGE SUSHANT SHRIMANT	7709674857	7709674857	9763808204
11	BHOSALE CHANDRASHEKHAR NANASAHEB	7711901999	7711901999	9552232284
12	SHIVPUJE PRAVIN BALASAHEB	7741072482	7741072482	9960600854
13	BANNE AKSHAY ANIL	7820873189	7820873189	9975218103
14	PATIL YUVRAJ RAJENDRA	7821017920	7821017920	9423785979
15	PISE SUSHANT HARIDAS	7843033907	7843033907	9970353430
16	GHADAGE PRANALI ANKUSH	7972517341	7972517341	7020296101
17	SURVE KSHITIL BUDHAS	8010702618	7447735395	9420680177
18	SONAVANE AKASH SHARAD	8308188673	8308188673	9421043426
19	KODAG DIPTI LALASAHEB	8329626399	8329626399	8605727196
20	PISE GANESH SURESH	8329988688	8329988688	9766662192
21	SONALKAR MONALI ANIL	8412064757	8412064757	7875244757
22	BHAVAKE AISHWARYA DHONDIRAM	8432677567	8432677567	7387961569
23	SHINDE SARASWATI SATYVAN	8459833532	8459833532	8600208176
24	MULANI SANIYA RUBAB	8530933621	8530933621	9096120814
25	NAKATE AKSHATA ANKUSH	8624902196	8624902196	8805430147
26	GHONGADE ROHIT SANJAY	8698262001	8698262001	9767403617
27	SHINDE SMITA SANJAY	8766852809	8766852809	9765576705
28	BURANGE RAVI LAKSHMAN	8793206787	7350913152	7350913152
29	KULKARNI TEJSWINI CHANDRAKANT	8855909246	8855909246	9970672307
30	RAMTEKE TANMAY ASHOK	8857918661	8857918661	7588630389
31	KARANDE SWAPNIL KISAN	8928974095	8928974095	8928974095
32	PATIL ANUSHKA JALINDAR	8999001558	8999001558	9892783418
33	MANE SUHAS SANJAY	9011720914	9011720914	9359979214
34	MANDGE RUPESH MAROTRAO	9021976854	9021976854	8055494885
35	SAWANT RAJVARDHAN MAHADEV	9022011016	9022011016	8975232593
36	LENDARE VISHAL SITARAM	9022664719	9022664719	8007502668

37	SANADI SIMRAN RAJU	9049648025	9823493691	7499087186
38	GANDULE ROHIT TAYAPPA	9096610477	9096610477	8390001970
39	MASHALKAR SUKANYA SHAVARU	9096879250	9096879250	9975434480
40	DESHPANDE RUTIK SANJAY	9130120710	9130120710	8983019720
41	JAGTAP SHUBHAM SAMBHAJI	9168002907	9168002907	9921021667
42	KENGAR AKSHAY DADASAHEB	9172412595	8378804545	7378851414
43	MAMDAPURE RADHIKA RAJIV	9172657211	9172657211	9960148459
44	VYAVAHARE VIJAY SANJEET	9172864995	9172864995	8010484213
45	HANJAGIKAR PRATIK SANJAY	9284114722	9284114722	9284114722
46	MORE VAISHNAVI DATTATRAY	9284673527	9284673527	9325300109
47	HAKH DHANRAJ BALU	9307185691	9307185691	9922245373
48	JAGTAP MAYURI GANAPATI	9307256623	9307256623	9860220855
49	BABAR SAKSHI SATISH	9307304374	9307304374	8888569697
50	SHEJAL VISHVATEJ JAGANNATH	9307409899	9307409899	7218779503
51	VARADE ANJALI MARUTI	9309205419	9309205419	8766403311
52	KOLEKAR GAYATRI DHULA	9322527081	9322527081	9970343324
53	KUMBHAR PRASAD NAGNATH	9356541644	9356541644	9665478927
54	NALAVADE VINAY PRAMOD	9359645433	9359645433	9604911922
55	TATHE MAYURI PANDURANG	9373053365	9373053365	9767641480
56	SHINDE ROHINI SIDDHANATH	9503494239	9503494239	9860197446
57	POTADAR SNEHAL SUBHASH	9529894114	9529894114	9579057007
58	SHINDE SANGRAM BHOJLING	9561638441	9561638441	9096456196
59	PATIL AISHWARYA SHEVAJI	9665353261	9665353261	8888050617
60	MISAL POOJA BALASAHEB	9665436849	9665436849	9860182905
61	GAIKWAD VAIBHAVI NANASAHEB	9673938352	9673938352	9673377604
62	TANDE SHUBHAM DASHRATH	9730373098	9730373098	9890380513
63	LAVATE NITEN BALASO	9764257966	9764257966	8888046174
64	LANGADE CHIRAG MUKUND	9766014414	9766014414	8983006428
65	DHOBAL ARTI ARUN	9767451606	9767451606	9665326899
66	PAWAR SHITAL BALASO	9822781839	9822781839	9823582744
67	BHANDARE PRIYANKA RAJARAM	9960307390	9960307390	9970473742
68	JAGTAP PRATIKSHA ASHOKRAO	9960972097	9960972097	9822345148
69	KAMBLE RAJ DELIP	9975098590	9975098590	7021155793
70	BHANDARI VAIBHAV UMAKANT	07972223721	7972223721	9225159815
71	THAWARE SANDIP DASHRATH	09370297903	9370297903	9890126870
72	FASAGE NISARGA NAMANAND	09579450454	09579450454	76665 47326
73	BANSODE SAKSHI BHARAT	94220 27868	9422027868	9011462222
74	CHANDANSHEE SURAJ SAMPAT	9689235717	8975235717	9667290334
75	PAWAR SADANAND YOGESH	9834065188	7350488106	9527354982
	PILAVE SHRIKANT MOHAN	will not continue		


Prof. G.G. Kale


Head
CS Engg. Department
Fabtech Technical Campus
College of Engg. Research Sangli



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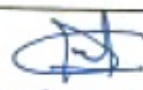
Department- Computer Science & Engineering


Class- SY

Contact-List

Roll No.	Name of the Student	Personal Mobile Number 1	Personal Mobile Number 1	Parent mobile Number 1
1	Adat Rohan Prashant	7218647370	7218647370	9096961912
2	Agalave Harishchandra Dhula	9172682542	9172682542	9172682542
3	Alfesh Nanaso Shingare	9284986462	9284986462	9923977388
4	Babar Digvijay Dilip	9730097815	9730097815	99214814952
5	Bansode Abhijeet Sanjay	9421028655	9421028655	9970616855
6	Bhinge Raviraj Somanath	7666995200	7666995200	9881322054
7	Bhuse Abhijit Sitaram	8208544452	8208544452	7559126824
8	Bhuse Vrushali Hanamant	8600657054	8600657054	9548431230
9	Bichukale Rupali Suresh	8421086636	8421086636	7757856636
10	Bile Anjali Akash	8010598747	8010598747	8412806690
11	Chavale Bhavesh Vitthal	9322920791	9322920791	9922131853
12	Deshmukh Vaishnavi Dipak	9322446506	9322446506	9518919791
13	Deshmukh Vishvtej Kalyan	7498389640	7498389640	7620759294
14	Doke Hanmant Rajaram	9637942066	9637942066	9699504591
15	Dudhal Shankar Gangaram	7666678465	7666678465	8108058481
16	Gaikwad Ritesh Shashikant	8999259344	8999259344	9309138660
17	Gaikwad Shubham Dhanaji	7498320126	7498320126	9172681866
18	Gaikwad Tejas Rajaram	8766524363	8766524363	9970348695
19	Ganjiwale Tohid Rasul	7841804894	7841804894	8530881581
20	Gawali Ashwini Vilas	8329201673	8329201673	8329201673
21	Ghadage Saijan Baban	9923552273	9923552273	9823461173
22	Ghadage Vishvijit Dattatray	9130922647	9130922647	9850416516
23	Gosavi Prathmesh Ravindra	7378958575	7378958575	9823119119
24	Gurav Manish Somanath	7058173255	7058173255	9923772255
25	Howal Nilesh Ratansen	9860609198	9860609198	9172836032
26	Jadhav Sandip Dhondiram	9834813705	9834813705	7719823871
27	Kalel Vijay Suryakant	7887868746	7887868746	8652830273
28	Kashid Nagesh Haridas	9975462432	9975462432	9766902658
29	Kazi Tanveer Innus	8308293303	8308293303	9766568451
30	Khandekar Amol Madhukar	9309445811	9309445811	8390319418
31	Kirgat Trupti Tanaji	95611160714	95611160714	8888366016
32	Kodag Meghrajali Madhukar	7385586797	7385586797	7709275328
33	Marathe Sumit Ramesh	8830841973	8830841973	9420676159
34	More Abhishek Vijay	9322558429	9322558429	9975972198
35	More Sachin Bandopant	87677439785	87677439785	9960531684
36	Mote Mangal Bharat	8767541556	8767541556	7758094241
37	Nikam Vaibhav Aravind	8408038830	8408038830	9764056994

38	Nirali Harshal Pandurang	9604591657	9604591657	9730090952
39	Padavale Mahananda Mhalappa	9175226646	9175226646	7620297516
40	Patil Soham Hemant	7721804175	7721804175	9404991144
41	Patil Vivek Ramchandra	8767899558	8767899558	8788419905
42	Pawar Shruti Raosaheb	9860190528	9860190528	9766656600
43	Potadar Pravin Ashok	7558765703	7558765703	7020504651
44	Rajage Ganesh Mohan	8668944882	8668944882	9021792758
45	Raut Om Rajendra	8421583651	8421583651	9822183048
46	Sabale Asweta Sanjay	9069541616	9069541616	8080736899
47	Patil Sakshi	8237315689	8237315689	9889132668
48	Sargar Nikita Ramesh	8999290738	8999290738	9527271804
49	Sargar Pravin Ashok	9307272026	9307272026	9763775880
50	Sargar Rutuja Sarjerao	8668856807	8668856807	9763445507
51	Sawaisarje Aaditya Sukhadev	9156922428	9156922428	7741094459
52	Shembade Ajit Nana	9325967079	9325967079	9511976458
53	Shendge Priyanka Sushil	8261869142	8261869142	9370354243
54	Shinde Amruta Satish	7972576283	7972576283	9011711022
55	Shinde Sumit Sambhaji	9022825988	9022825988	8767665148
56	Snehal Khedekar	6005508460	6005508460	9419035354
57	Swami Tirth Prakash	9850136539	9850136539	8080927932
58	Todkar Anil Dattatray	7796295795	7796295795	9822465010
59	Wagh Rohan Dattatray	9730635630	9730635630	9881595630
60	Waghmare Nandini Dilip	8177838793	8177838793	9075866773
61	GAIKWAD CHAITANYA ASHOK			
62	MADANE CHAITALI PRAKASH			
63	BAJBALKAR PRAVIN BALU			
64	MORE RUSHIKESH CHANDRAKANT			
65	PANDIT KAJAL PRAKASH			
66	WADIKAR BHAKTI RAJKUMAR			
67	SUTAR DIGVIJAY DILIP			
68	DANGE SONIYA DILIP			
69	BUNIKAR ROHIT SUDHIR			
70	JAVIR ROHIT BABASAO			
71	MADANE SHITAL SAHADEV			
72	KASHID ANIKET MADHUKAR			
73	ADATE KIRAN DILIP			
74	GAWANE ATHARVA SHIVANAND			


Prof. G.G. Kale


Head
CS. Engg. Department
Fabtech Technical Campus
College of Engg. Research Sangolli



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Contact No. : 8408888657 Website: www.fabtecheducation.com E-mail: fteacore@gmail.com

**Dept. of Electronics & Telecommunication Engineering
2022-2023, Sem-III**

Industrial Visit Report

- Visit Location:-MAPRO'S Industry Satara(Wai).
- Class:-T.Y.E&TC
- Date of Visit:- 31st May, 2023
- Duration of Visit:- 2 Day's
- Mode of Transportation:- Private travel bus
- Contact Person & phone No:-Prof. Patole R. K. 9011882906
- No. of Students for visit:- T.Y E&TC Total=19 Students
- No. of faculties for visit:- 03 Faculties
- Finance of Visit:- By students
- Undertaking by Students:- Taken
- Attendance of Students taken:-Yes
- Photographs available:-Yes
- Permission Letter/Thanking Letter given:-Yes
- **Brief Report of Visit:-**

As per planning we faculties and Students left college campus on morning 4:00AM on 31st May, 2023. Then reached to Mahabaleshwar Krishna Temple at 11:00 AM. In Mahabaleshwar we had done site Seeing.

Then in second day we reached at Alibag. After that we visited to industry name as 'Mapro's IND, Satara(Wai). They have explained automation of industry. Also they explained various Machinery part. They had shown us various products which are manufactured by various fruits.

After that we have left Satara and reached the FTC Campus at 07:00AM.

(Signature)

Visit Coordinator
(E&TC Dept.)

(Signature)

Head,
Electronics & Tele. Engg. Department
FABTECH Technical Campus
College of Engineering & Research, Sangola

(Signature)

PRINCIPAL
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA

KHAKHARA FACTORY

KHAKHRA SALE COUNTER

CONTACT: 01/06/23 09:34 PM GMT +05:30



GPS Map Camera

Gureghar, Maharashtra, India

WPFP+93P, behind Mapro garden, Gureghar, Maharashtra

415012, India

Lat 17.92346°

Long 73.735019°

01/06/23 09:34 PM GMT +05:30

Google



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Pandharpur Road, Gat No. 565/1, Sangola, Taluka:- Sangola, District:- Solapur. - 413 307. P.O. Box No. 04
Contact No. : 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Date: 29/05/2023

(Department of Electronics & Telecommunication Engineering)

NOTICE

All the students of TY E&TC Engineering are hereby informed that for the Academic year 2022-2023 Semester-II, we have planned an industrial visit for two day's at MAPRO'S Industry Satara(Wai dated on 31st May ,2023. Please take a note of it and act accordingly.

Visit Coordinator
(E&TC Dept.)

H.O.D.
(E&TC Dept.)

PRINCIPAL
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Contact No. : 8400000657 Website: www.fabtecheducation.com E-mail: fb-ecsr@gmail.com

Industrial Visit 2023(Satara)

Sr. No.	Name of the Students	Mobile No/Parents No.	Address	Age
1	Snehal Sangram Babar	8010531167/9146467026	Chopadi (Aatpadi)	22
2	Arti Ramesh Jadhav	7387514326/9665656620	Khardi(Pandharpur)	22
3	Aarti Mahaling Gavali	9021126080/8055922661	Kadlas(Sangola)(hostel)	21
4	Dipali Anand Ingole	8806293126/8408948802	Kadlas(Sangola)	21
5	Namrata Hanamant Aiwale	7447650549/8888719730	Kamlapur(Sangola)	21
6	Bhagyashri Dattatray Madane	9359652892/9637832238	Sangola	21
7	Anuja Devanand Khandekar	8767820995/9561103614	Devale Methavade	21
8	Gauri Maruti Bansode	9579924798/8805967358	Vaklishivan(Sangola)	20
9	Mumtaj Raju Mulani	9175418006/9850324892	Sangola	21
10	Sonali Bandopant Sawant	8530222126/9325408183	Akola(Sangola)	21
11	Swapnali Dilip Pawar	8767961651/9766317414	Watambare(Aatpadi)	20
12	Sanika Hanmant Chavan	7057112904/9921919007	Chopadi (Aatpadi)	21
13	Swati Dnyaneshwar Lokhande	9356085209/9730593344	Pandharpur	22
14	Usha Ravsaheb Hipparkar	9172405838	Singanhalli	23
15	Shoheb Pathan	7757868220	Nanded(Hostel)	21
16	Tejas Kuchekar	9370120020	Aatpadi	21
17	Navnath Dhudhal	7058348280/8485077369	Shirbhavi (Sangola)	21
18	Dipak Patil	9975511566	Sangola	22
19	Birajdar Mahesh	7218315414	Mangalwedha	22

Name of the Staff

1	Prof. Patil D.S	8605933009	Sangola	32
2	Prof. Patole R. K.	9011882906	Sangola	29
3	Sakshi Rajendra Kohale	9284187766/9860886134	Khardi(Pandharpur)	22

Head,

Electronics & Tele. Engg. Department
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING & RESEARCH, SANGOLA

PRINCIPAL

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Contact No. : 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Ref.

Date: 01/06/2023

THANKING LETTER

To,
Director,
Mapro's IND. ,
Satara(Wai),
Satara

Respected sir,

I would like to take this opportunity to express my heartfelt thanks to you for giving me the opportunity to visit your industrial site and I really grateful the time that we spend with industrial employees both a professional and personal level.

Our students & staff have certainly learned a lot of technical knowledge. On behalf of all students & staff. I want to thanks to your organization for valuable guidance and support.

We all staff member & students always be immensely pleased that you allowed us to visit your industrial site.

Thanks again for everything.

**PRINCIPAL
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA**



Date: 29 /05/2023

To,
The Principal,
FTC COER,
Sangola.

Subject:- Regarding permission for the Industrial Visit.

Respected Sir,

With referenced to above mentioned subject, as per the syllabus of DBATU University of engineering, there is an industrial visit, for the Semester-II TY E&TC Degree students respectively.


So for the same we have planned the location at Mapro's IND., Satara(Wai).

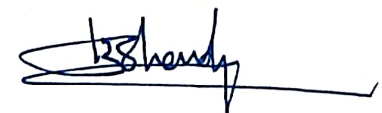
The students from the TY Class is of 21 with 03 faculty members wish to visit on the date of 31th May, 2023, Mapro's ,Satara(Wai). For academic purpose & to enhance the knowledge of students.

So, please grant us the permission to visit above said site and I will be grateful if you do the same.

Thanking You


Visit Coordinator
(E&TC Dept.)


H.O.D.
(E&TC Dept.)


Principal
FTC,COER
PRINCIPAL
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Contact No. : 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Ref.

Date:29/05/2023

PERMISSION LETTER

To,
Director,
Mapro's IND. ,
Satara(Wai),
Satara

Subject: - Getting Permission for the 'Industrial Visit'

Respected Sir,

With referenced to above mentioned subject, as per the syllabus of DBATU University of engineering, there is an industrial visit, for the Semester-II in academic year (2022-2023) for TY E&TC Degree students.

We wish to organize industrial visit on the date 01th June,2023 for our students at your site. So, please grant us the permission to visit at your site i.e. Mapro's IND., Satara(Wai).

The students from the TY. Class is of 21 with 03 faculty members will visit at your site for academic purpose to enhance the knowledge & skill within students.

Hence I will be grateful if you do the same.

Thanking You

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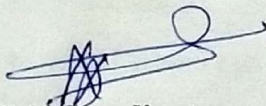
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Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist.- Raigad)
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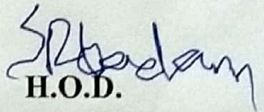
DEPARTMENT OF ELECTRICAL ENGINEERING

Date: 26/05/2023

NOTICE

All the students of S.Y & T.Y Electrical Engineering are hereby informed that for the Academic year 2022-2023 Semester-I, we have planned an industrial visit for one day's at Manjeet Cotton Private Limited Sangola (Ekhatpur on 29th May, 2023. Please take a note of it and act accordingly.


Visit Coordinator
(Elect Dept.)


H.O.D.
(Elect Dept.)



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Contact No. 8408888657 Website : www.ftccoe.ac.in E-mail : fabtech@ftccoe.ac.in

Ref.No.:- *FTC-COER/Permission Letter/2023/3212*

Date : 26/05/2023

To,
The CEO,
Manjeet Cotton Pvt.Ltd,Sangola

Subject: - Permission for industrial visit of Electrical engineering students.

Dear Sir,

Ours one of the reputeded engineering college established in year 2011 in Sangola affiliated to Dr.Babasaheb Ambedkar Technological University,Lonere.This is the only institution with industrial backbone in university area.

As per curriculum, our electrical engineering students have to visit your industry. We are interested to visit your esteemed industry along with 30students and 3 faculty members. The date for our visit will be 29th May.2023.

You are hereby requested to permit for this visit on 29th May 2023.

Please do needful.

Thanking You.



Yours Faithfully


PRINCIPAL

FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH SANGOLA

Permission Letter

Date: 26 / 05 / 2023

To,
The Principal,
Fabtech College of Engineering & Research, Sangola.

Subject: Permission for industrial visit.

Respected Sir,

With reference to above mentioned subject, we wish to arrange industrial visit the details of which are as follows.

Name of Industry: Manjeet Cotton Pvt. Ltd, Sangola

Address of visit: Sangola

Date of visit: 29/05/2023

Branch and class: Electrical Department [SY&TY]

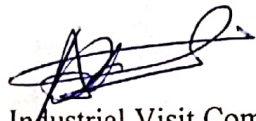
No of students: 30

Mode of Transport: College Bus

Purpose of visit: Curriculum related


Name of faculty involved: 1. Prof. Sunil Agan A. 2. Prof. Khadair M. 3. Prof. Bile. P. M.

You are requested to give us permission for above.



Industrial Visit Committee Member

permitted.

 26/5/2023

Yours Faithfully



HOD Electrical



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Tal.: (02187) - 223000 Fax:- 223003 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail,

Ref No: FTC/COER/ Thanks letter /2023/3219

Date: 29 /05/2023

Thanks Letter

To,
The CEO,
Manjeet Cotton Pvt Ltd Sangola.

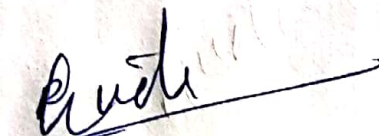
Subject:Thanking You.

Respected Sir,

With reference to above mentioned subject, we Fabtech Technical Campus College of Engineering & Research,Sangola.Thank you for accepting our request to visit Manjeet Cotton Pvt Ltd Sangola.

We are grateful for sparing your precious time to our students.We request same kind of cooperation in future also.

With Warm Regards


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& RESEARCH, SANGOLA




29/5/23



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Contact No. 8408888657 Website : www.ftccoe.ac.in E-mail : fabtech@ftccoe.ac.in

Ref.No:- *FTC-COER/permission Letter/2023/3212*

Date : *26/05/2023*

To,
The CEO,
Manjeet Cotton Pvt.Ltd,Sangola

Subject: - Permission for industrial visit of Electrical engineering students.

Dear Sir,

Ours one of the reputed engineering college established in year 2011 in Sangola affiliated to Dr.Babasaheb Ambedkar Technological University,Lonere.This is the only institution with industrial backbone in university area.

As per curriculum, our electrical engineering students have to visit your industry. We are interested to visit your esteemed industry along with 30students and 3 faculty members. The date for our visit will be 29th May.2023.

You are hereby requested to permit for this visit on 29th May 2023.

Please do needful.

Thanking You.



Yours Faithfully

[Signature]
PRINCIPAL

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*Received
dy
24/5/23*



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Tel.: (02187) - 223000 Fax:- 223003 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail,

Date:29/05/2023

Electrical Department
Second Year Students A.Y-2022-23
Industrial Visit
ATTENDANCE SHEET

Roll.No	Name of the student	Sign
1	ATPADKAR VISHVAJEET MAHADEV	
2	DIVASE ROHAN BIRA	
3	MALI SANDESH SANJAY	
4	VHANMANE AVDHUT NANASO	
5	GADADE AKSHAY VILAS	
6	DIGHE SWAPNIL HARIDAS	
7	RANDIVE ARIHANT SUNENDRAKUMAR	
8	JADHAV ABHIJEET RAJENDRA	
9	MARLE ATHARV PRAVIN	
10	BHOSALE SUDARSHAN SAJJAN	
11	SHINDE SANGHARSH SURESH	

Prof. Surjagan A.A.
Visit coordinator

Head
Department of Electrical Engineering
Fabtech Technical Campus
College of Engg. & Research Center



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Tal.: (02187) - 223000 Fax:- 223003 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.

Date:29/05/2023

Electrical Department

Third Year Students A.Y-2022-23

Industrial Visit

Attendance Sheet

R.No.	Name of Student	Sign
1	CHAUGULE AJAY SHIVANAND	
2	BHORKADE DHANANJAY ANKUSH	
3	INGOLE YOGESH RAJU	
4	JADHAV PRATIKSHA SOMAJI	
5	BANDGAR ONKAR MACCHINDRA	
6	SUTAR OMKAR ANNASAHEB	
7	THORAT VAISHNAVI MOHAN	
8	JADHAV RUTUJA NAGANNATH	
9	WAGHAMARE ATUL SAMAPT	
10	BANKAR YOGESH MADHUKAR	
11	SURYAGAN ROSHAN VASANT	
12	KADAM AJIT SANJAY	
13	KEDAR TEJAS SURESH	
14	MOTE ARYA AJITKUMAR	
15	HEMBADE PRIYANKA TANAJI	

Prof. Suryagan A. A.
Visit Coordinator

Head
Department of Electrical Engineering
Fabtech Technical Campus
College of Engg. & Research Center



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Contact No. : 0408888637 Website: www.fabtecheducation.com E-mail: fte.coer@gmail.com

Department of Electrical Engineering
2022-2023, Sem-I

Industrial Visit Report

- Visit Location:- Ekhatpur Tal-Sangola.
- Class:-T.Y & S.Y Electrical
- Date of Visit:- 29/05/2023
- Duration of Visit:- 1 Day
- Mode of Transportation:- College Bus
- Contact Person & phone No:-Prof. Patole R. K. 9860198214
- No. of Students for visit:- 18 Students
- No. of faculties for visit:- 04 Faculties
- Finance of Visit:- EESA Fund
- Undertaking by Students:- No
- Attendance of Students taken:-Yes
- Photographs available:-Yes
- Permission Letter/Thanking Letter given:-Yes
- **Brief Report of Visit:-**

As per planning we faculties and Students left college campus on morning 11:00AM on 29th May, 2023 Manjeet Cotton Private Limited Sangola, at 11:28 AM. In Ekhatpur Sangola, we had done Industry Seeing.

After that we visited to industry name as "Manjeet Cotton Private Limited Sangola". They have explained automation of industry. Also they explained various Machinery part. They had shown (Cotton) product which are manufactured by Raw Cotton.

After that we have left Ekhatpur and reached the FTC Campus at 02:00PM.

Visit Coordinator
(Elect. Dept.)

HOD
(Elect. Dept.)

Principal
Dr.R.B Shendge



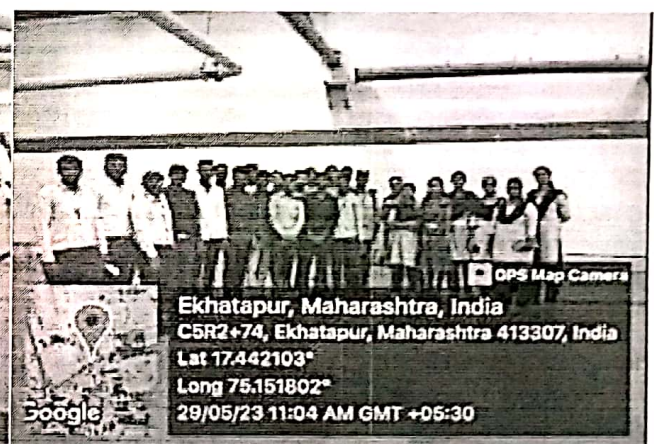
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Contact No. : 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

Date: 29/05/2023

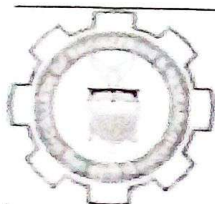
DEPARTMENT OF ELECTRICAL ENGINEERING

Manjeet Cotton Pvt Ltd Industrial Visit Photo



Visit Coordinator
(Elect Dept.)

H.O.D.
(Elect Dept.)



An Education Empowered by Industry . . .

FABTECH TECHNICAL CAMPUS

COLLEGE OF ENGINEERING AND RESEARCH

(Approved by AICTE, New Delhi, DTE, (M.S.) & affiliated to Solapur University)

Pandharpur Road, Gat No. 565/1, Sangola, Taluka:- Sangola, District:- Solapur. - 413 307. P.O. Box No. 04
Tel: (02197) - 223000 Fax- 223003 Website: www.fabtecheducation.com E-mail: ftc.coer@gmail.com

Sub:-Internal Combustion Engines

Class:-TE Mechanical

Date of visit: -20/05/2023.

Duration of Visit:-1 day.

Mode of Transportation: - Travels.

Address:-Shimpukade Group of Industries Kagal MIDC, Kolhapur

Contact Person & Phone No:-

No. of Students Present:-30.

No. of Staffs Attended:-02.

Notice of Student Taken: - Yes.

Attendance of Students Taken: - Yes.

Photographs Available: - Yes.

Permission Letter/Thanks Letter Given: - Yes.


Brief Report Of Visit:-

An industrial visit was organized for the Mechanical Engineering students to the Shimpukade Group of Industries, located at Kagal MIDC, Kolhapur. Upon arrival, students were welcomed and briefed about the schedule of the day. The visit encompassed a comprehensive tour of the facility, where students had the opportunity to observe various aspects of the manufacturing process.

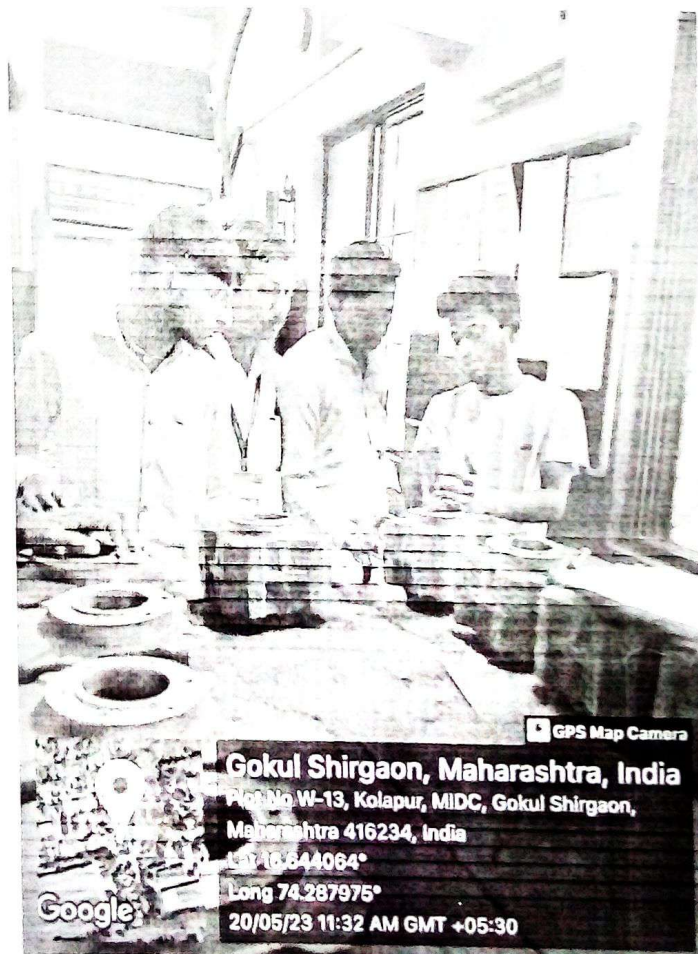
The purpose of the visit was to provide students with practical insights into internal combustion engines and the manufacturing processes associated with them. Students left with a comprehensive understanding of internal combustion engines and manufacturing processes, having witnessed them in action. The visit underscored the significance of practical exposure in the education of Mechanical Engineering students and fostered industry-academia collaboration. We extend our gratitude to Shimpukade Group of Industries for hosting the visit and providing invaluable insights to our students.

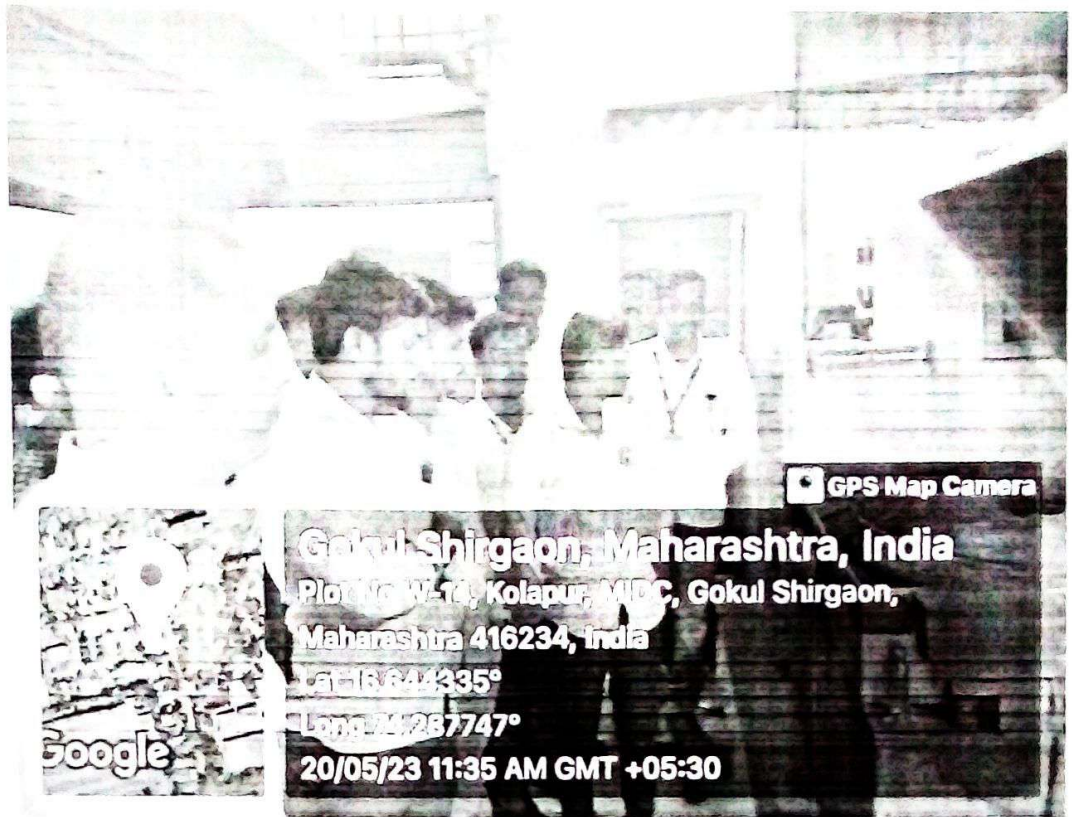

Industrial Visit Coordinator

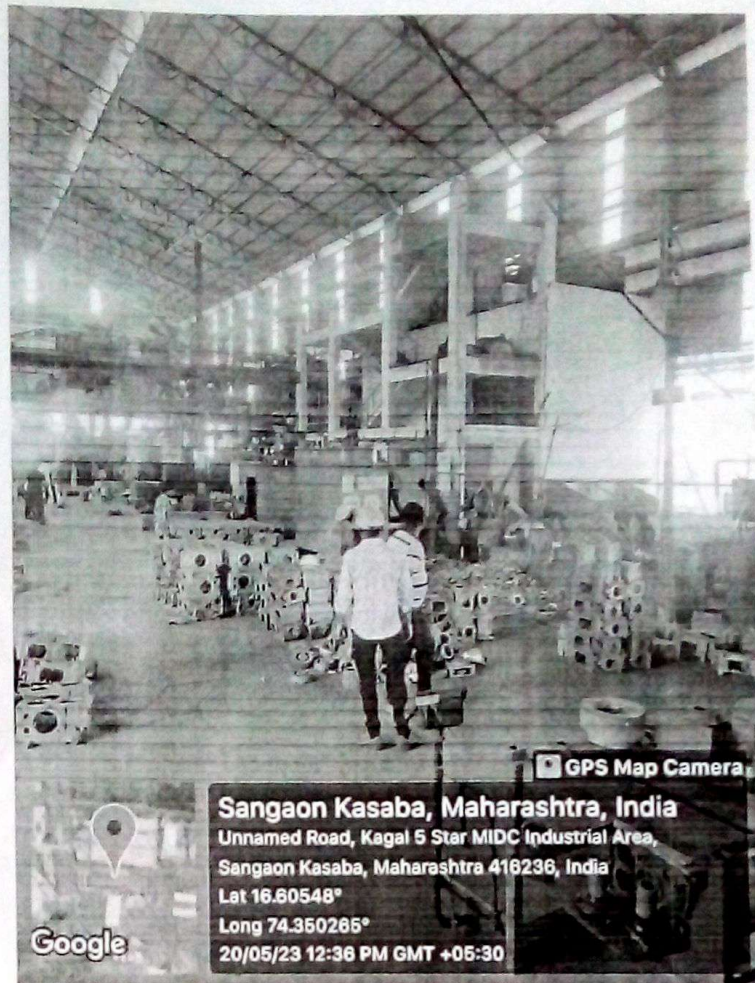

H.O.D
Head,
Mechanical Engg Department
Fabtech Technical Campus
College of Engg & Research, Sangola


Principal
PRINCIPAL
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH SANGOLA

PHOTOGRAPS








Department of mechanical Engineering

NOTICE

Date: - 18/05/2023

All the students of SY and TY Mechanical engineering are hereby informed that as per curriculum, industrial visit is compulsory for subject Industrial Engineering and Mechanical Engineering on 20-05-2023 at Kagal MIDC Kolhapur. Those who fail to attend are responsible to their academic loss.



Head,
Mechanical Engg Department
Fabtern Technical Campus
College of Engg & Research, Sangli

Fabtech Technical Campus

College of Engineering & Research, Sangola

Department of Mechanical Engineering

18/05/2023

To,
The Principal,
Fabtech College of Engineering & Research, Sangola.

Subject: Permission for industrial visit.

Respected Sir,

With reference to above mentioned subject, we wish to arrange industrial visit the details of which are as follows.

Name of Industry: 1. KPT Industries Ltd. Jaysinpur.
2. Shimpukade Group of Companies. Gokul Shirgaon MIDC, Kolhapur.

Address of visit: At Kolhapur

Date of visit: 20/05/2023

Branch and class: SY & TY Mechanical

No of students: 25

Mode of Transport: Travels

Purpose of visit: For the better understanding of Manufacturing Process and IC Engine Subject

Name of faculty involved:

1) Prof. J. P. Gavade 2) Prof. S. D. Kulal 3) Prof. T. S. Jagtap 4) Prof. S. M. Bandgar

You are requested to give us permission for above.



Industrial Visit Coordinator

permitted.

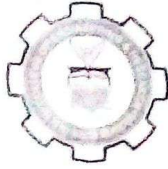
18/5/2023

Yours Faithfully



HOD
Head,

Mechanical Engg Department
Fabtech Technical Campus
College of Engg & Research, Sangola



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**FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING & RESEARCH**

(Approved by AICTE, New Delhi; DTE., (M.S.), Mumbai &
Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, Dist.- Raigad)
NAAC Accredited 'B' Grade ISO 9001 : 2015 Certified Institute
Dharpur Road, Gat No. 565/1, Sangola, Taluka:- Sangola, District - Solapur - 413 307. P.O. Box No. 04
Contact No. 8408888657 Website: www.fabtecheducation.com E-mail: ftc.coer@gmail.com

Date: -18/05/2023

To,
The HR Manager,
SQC Industries Ltd.
Jaysingpur.

Subject: Approval for the permission of Industrial Visit on 20/05/2023

Dear Sir,

On behalf of "**Fabtech Technical Campus, College of Engineering & Research, Sangola**", I would like to request you to grant permission to the Engineering students of the Institute for industrial visit in your workshop area.

The purpose of visiting the site is to give an opportunity to the students learn more about your organization, systems, performance and to learn something new. During the visit, we will discuss the basic criteria for performance excellence category level requirements and gather information to help the students make a baseline assessment of your current practices which will go a long way in shaping their knowledge levels and skills.

We are sure that this will be a great opportunity for your industry to help young generation to learn about industrial sector wherein you are contributing in much worth to its credibility.

There are a total number of approx. **25 students** who are studying in **T.Y. B.Tech & S.Y. B.Tech** of our **Mechanical Engineering Department** who wish to take a view about your industrial process for the subject of **Manufacturing Process & I. C. Engine**.

We like to visit your premises as per your convenience on the mentioned days. We look ahead for your positive response.

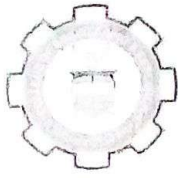
Thanking You,

Recd.
[Handwritten signature]



Yours Sincerely,

[Handwritten signature]
PRINCIPAL
FABTECH TECHNICAL CAMPUS
COLLEGE OF ENGINEERING
& RESEARCH SANGOLA



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Dharapur Road, Gat No. 565/1, Sangola, Taluka:- Sangola, District:- Solapur - 413 307 P.O. Box No. 04
Contact No. : 8408888657 Website: www.fabtecheducation.com E-mail : ftc.coer@gmail.com

DATE: - 20/5/2023

To,
The HR Manager,
SOC Industries Ltd.
Jaysinpur.

Respected Sir,

This is to express our heartfelt gratitude for giving permission to our third year & second year Mechanical Engineering students on dated 20/05/2023. We appreciate your willingness help. We also appreciate you and your team which interacted with students. We are also thankful for motivating our students for increasing their knowledge of **Manufacturing Process & I. C. Engine**. Your years of experience and ability to present in such an interesting way which is one of the most memorable moment for the students.

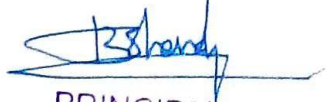
We are grateful for sparing your precious time to our students. We request same kind of cooperation in future also.

With Warm Regards.

Yours Faithfully

Recd
PSS




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COLLEGE OF ENGINEERING
& RESEARCH, SANGOLA





FABTECH TECHNICAL CAMPUS
FTC's College of Engineering & Research, Sangola
DEPARTMENT OF MECHANICAL
T.Y. BTech Mechanical
Industrial Visit Attendance Date: 20/05/2023

Sr.No.	Name of Student	Student Contact No.	Sign
1	KHADATARE SUHAS ASHOK	9049474535	A
2	SHINDE DNYANESHWAR POPAT	7378536970	P
3	BURALE PRAVIN HANMANT	7083975905	P
4	LAWATE GANESH JALINDAR	9325189129	P
5	BURUNGALL RAMESH SUBHASH	7757078765	P
6	VHANMANE NARENDRA NANDU	9321726205	
7	ALDAR SANDIP RAMCHANDRA	9156808984	A
8	WAGHMARE SWARUP SATYAVAN	8625040112	P
9	SHRIMAKKAL AMOL REVANAPPA	7083473856	P
10	GHUTUKAD RAGHUNATH BIRA	7820982210	P
11	SHINDE MAYAPPA VITTHAL	7447283910	P
12	BURUNGALL ANIL SANJAY	7887596710	P
13	NAVALE AMOL RAMESH	7620529004	P
14	ERANDE DHULAPPA MALHARI	9022147345	P
15	LANDAGE ADITYA BABAN	7719829456	
16	SAKHARE ANIRUDDHA BALI	8308630210	P
17	LOKHANDE ANNA BHARAT	9067403841	P
18	PATIL ASHWINI LAXMAN	9322973695	P
19	CHAVAN SANTOSH BHARAT	8530511419	P
20	LIGADE ANIKET MACHINDRA	7447635144	P
21	SURVASE SUYASH APPASAHEB	9404968654	
22	ALDAR DHIRAJ BHAGWAN	9503830085	P
23	PATIL SHUBHAM SATISH	9022327344	P
24	KUMBHAR YOGESH SIDDHESHWAR	7498812409	P
25	DESHMUKH NIKHIL ANIL	8263959626	A
26	CHAVAN OM ANIL	9309974367	A
27	NAGANL MANGESH HARISHCHANDRA	9146548592	A
28	GODASE DATTATRAY MAHADEV	8208450103	A
29	KASHID ANAND TUKARAM	9930107715	A
30	GAWADE DHANAJI ISHWAR	9764043884	A
31	CHAVAN NITIN DIGAMBAR	8805368878	A
32	KAMBALE NANDKISHOR BABURAO	9665747589	
33	PATIL KUMAR DATTATRAY	7410715753	A
34	SHRIRAM MAYUR SANJAY	8600747971	A
35	SURWASE GANESH TANAJI	8380981822	A
36	GHERADE SAMBHAJI NAMDEV	7774811910	A
37	GAIKWAD PRASHANT ASHOK	9325044604	A
38	MANE SANDIP BALABHIM	9561007286	A
39	AVALEKAR SHUBHAM VITTHAL	9545894950	A
40	SHILEDAR VIKAS VISHNU	7620984998	
	GORE SHUBHAM SIDDHESHWAR	8605066405	A
	SATHE NIKHIL BABASAHEB	9172517156	A

Industrial Visit Coordinator



FABTECH TECHNICAL CAMPUS
FTC's College of Engineering & Research, Sangola
DEPARTMENT OF MECHANICAL
S.Y B.Tech Mechanical

Industrial Visit Attendance

Date: 20/05/2023

Sr. No.	Name of Student	Student Contact No.	Sign
1	UTTARE ATUL SAMBHAJI	9324649296	P
2	GHERADE SUDARSHAN DATTATRAY	9545861529	P
3	MUJAWAR AMAN KADAR	8767528675	P
4	MORE RAHUL BAPU	9860593095	P
5	MANE PRAKASH SURESH	9860482440	A
6	SAWANT SHUBHAM ANNASAHEB	8010135800	A
7	/RASKAR PUNAM BHAUSO	8265043409	A
8	BHANDARE RUSHIKESH SAMADHAN	9503693015	A
9	KUTE HANAMANT MACHINDRA	9766405672	P
10	VHANMANE BALAJI BABASO	9529418211	A
11	AGALAVE RAVIKUMAR TANAJI	9130462018	A
12	SONWANE ANKIT SHRISHAIL	7028513553	A
13	PANDIT ANIKET SATISH	9169861010	A
14	WAGHAMODE VIKRAM POPAT	9373267980	
15	EKMALLI NIKHIL BABAN	9763332668	A
16	RAJGIRE NITIN NISHIKANT	9657697909	A
17	MANE AKSHAY DEVANAND	9834003982	A
18	JARAG AKASH SHANKAR	7387704841	A
19	GHADAGE SANTOSH BAJIRAO	9370574724	P
20	LAKHERI VISHAL NARESH	7756968280	A
21	PRATHAMESH MOHAN PAWAR	9175226020	A
22	BARGE DADA LAXMAN	8600630188	A
23	GAIKWAD NIRAJ SHRIRANG	8850509439	A
24	LONDHE SUSHRUT SUNIL	9130112246	A
25	KHANDEKAR SANJAY PANDURANG	9503136130	A
26	GAIKWAD SAYALI SHRIRANG	9529197174	A
27	KOLEKAR BAPUSAHEB APPA	9112749485	A
28	CHOUGULE SANGMESH BHAIRAPPA	8104262866	A
29	BADAKE SAURABH SATISH	9156767602	A


Industrial Coordinator