

### **1.3.1** Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.

Sr. No.	Description
1	List of Courses
2	Sample copy of Scheme
3	Sample copy of Syllabus
4	List of Events organized by Institute
5	Sample copy of Notice of Events
6	Sample copy of Activity Report
7	Sample copy of Attendance

### INDEX



### <u>List of Courses with topics of Professional Ethics, Gender, Human Values,</u> <u>Environment and Sustainability</u>

Sr. No	Program Name	<b>Course Code</b>	Name of Course	Name of Topic
1		BTCVE306T	Effective Technical Communication	Professional Ethics
2		BTCVE403T	Environmental Engineering	Environment & Sustainability
3	Civil Engineering	BTCVE504T	Professional Practice, Law & Ethics	Professional Ethics
4		BTCVE508AU	Organizational Behavior	Professional Ethics
5		BEME308P	Sports/ Yoga/ NSS/ NCC	Human Values
6	Mechanical Engineering	BEME406T	Professional Ethics	Professional Ethics
7		BEME607T	Environmental Science	Environment & Sustainability
8		BECME306T	Universal Human Values	Human Values
9	Computer Engineering	BECME310T	Environmental Science	Environment & Sustainability
10		BTCME505T	Humanities-II- Effective Technical Communication	Professional Ethics
11	Electronics &	BEETC409A	Universal Human Values	Human Values
12	Telecommunication Engineering	BEETC606T	HSC: Effective Technical Communication	Professional Ethics
13		BSE1-4T	Communication Skills	Professional Ethics
14	First Year Engineering	BSE1-3T	Energy and Environment	Environment & Sustainability
15		BSE2-8T	Indian Culture & Constitution	Human Values



### List of Events organized under Gender, Human Values, Environment & Sustainability and Professional Ethics in the Academic Year 2022-23

Sr. No.	Name of the activity	Organizing Unit/ Agency/ Collaborating agency	Name of the Scheme	Events related to Cross cutting issues	Date of the activity	Number of students participated
1	'Remember and Commit'-An Awareness rally to promote literacy about the "Worlds Aids Day"	NSS Unit in collaboration with IQAC	NSS/Social Responsibility	Human Values	1/12/2023	42
2	"Constitution Day Celebration"	NSS Unit in collaboration with IQAC	NSS/Social Responsibility	Human Values & Gender	28/11/2023	29
3	'Run for Unity'- A Pledged taking ceremony	NSS Unit in collaboration with IQAC	NSS/Social Responsibility	Human Values	31/10/2023	46
4	"Health Hygiene Derive"	NSS & Women Development Cell " ABHAYA"	NSS	Human Values & Gender	28/10/2023	38
5	" Computer Literacy Drive"	NSS Unit in collaboration with IQAC & Computer Department	NSS/Social Responsibility	Human Values & Gender	21/10/2023	52
6	"Empowering through Engineering Drive"	NSS Unit in collaboration with IQAC	NSS	Environment & Sustainability	14/10/2023	42
7	"Rural Renewal: Village Cleanup"- A cleanliness drive	NSS Unit in collaboration with Green SSIT & IQAC	NSS	Environment & Sustainability	12/08/2023	56

### Sarvasiddhanta Education Society's **Swaminarayan Siddhanta Institute of Technology** Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharastra-441501



8	" Drive for Safety"- Road safety rally	NSS Unit in collaboration with IQAC	NSS	Human Values	04/08/2023	56
9	"Yoga for Vasudhavia Kutumbakam" - A special yoga session	NSS & Women Development Cell " ABHAYA"	NSS/Social Responsibility	Human Values & Gender	21/06/2023	48

RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR B. TECH CIVIL ENGINEERING (CHOICE BASED CREDIT SYSTEM) FACULTY OF SCIENCE & TECHNOLOGY SCHEME OF EXAMINATION & EVALUATION

Workload in Hours
14
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3 0
3
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3 0
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3 0
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Note: In Summer vacation after 4th Semester, students have to complete 2 to 3 weeks industrial / Government / NGO / MSME / Rural Internship / Innovation / Entrepreneurship training. In the beginning of 5th semester, students have to submit detailed report of summer vacation training to department.



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Swaminarayan Siddhanta Institute

Principal

of Technology, Kalmeshwar,

Dist. Nagpur-441501

### RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR FACULTY OF SCIENCE & TECHNOLOGY B. TECH - CIVIL ENGINEERING

### (CHOICE BASED CREDIT SYSTEM)

Sem: IV (4 <sup>th</sup> )	Total Hours Distribution per week							
Total Credit : 3	Lecture (L): 3 Hrs	Tutoria	l/Activity (T/A): NA					
Subject Code	BTCVE403T	T ENVIRONMENTAL ENGINEERING						
Examination Scheme								
Internal Marks:	University Marks:	Minimum Passing Marks:	Examination Duration:					
30 Marks (15marks for sessional Examination) (15 Marks for Activity based)		45 Marks	3 Hours					

	Course Objectives
1	The course will provide students knowledge regarding the sources of water, water demands, population forecasting, characteristics, standards of drinking water
2	To prepare students to analyze, plan and design of various phases of water supply systems and waste water treatment.
3	To provide the students the knowledge regarding the various characteristics of water waste water estimation of the quantity of water
4	The course will provide students with fundamentals of air pollution and solid waste management, climate change, geo environment and sustainable resource management

	Course Outcomes
fter	completion of syllabus, students would be able to
1	Have knowledge of characteristics of water, drinking water standards and necessity of treatment.
2	Design various units of conventional water treatment plant.
3	Understand the characteristics of waste water, necessity of treatment, types of treatment processes
4	Equip with the basic knowledge related to design of waste water treatment
5	Understand of significance of air pollution, solid waste, climate change, see environment etc Swaminarayan Siddhanta Inst
	of Technology, Kalmeshwai

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Dist. Nagpur-441501

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1	3	3	3	3						1		3
2	3	3	3	3						1		3
3	3	3	3	3						1		3
4	3	3	3	3	1					1		3
5	3	3	3	3	1					1		3

### MAPPING OF CO WITH PO

1 Low

2 Medium

3 High

### RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR FACULTY OF SCIENCE & TECHNOLOGY B. TECH - CIVIL ENGINEERING

### (CHOICE BASED CREDIT SYSTEM)

### **BTCVE403T – ENVIRONMENTAL ENGINEERING**

### SYLLABUS

Details of Topic		ment of ours	Mapped with CO Number	
	L	T/A	CO	
UNIT NO.1				
<b>ntroduction:</b> Basics of water supply scheme, Water Demand, population orecasting methods, Sources of water & intake structures.	2			
Conveyance of water: Types of pipes, joints, fittings, valves & ppurtenances.	2	3	1	
<b>Vater quality:</b> characteristics of water, Standards of drinking water. (WHO 011, CPHEOO, IS 10500-2016).	2			
Water Treatment: Objective of water treatment, flow sheet of conventional vater treatment plant.	1			
Sedimentation: Principles, types of setting basins, inlet and outlet arrangements, simple design of sedimentation tank.	2			
UNIT NO.2				
Coagulation and Flocculation: Definition, Principles, types of coagulants, coagulant doses, types of mixing and flocculation devices, Clariflocculators.	3		2	
Filtration: Mechanism of filtration Types of filters-RSF, SSF, Pressure filters, sand specification, operational problems.Simple design of SSF and RSF, Membrane filtration technique of water treatment.	3			
<b>Disinfection:</b> Purpose, Mechanism, disinfectants, disinfection by chlorination. Type of chlorination.	2			
Distribution systems: Requirements & methods of distribution systems with layouts	s 1			
Swaminarayan Siddhanta I Strachoplayy, Kalmesh	nstitu	te		

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UNIT NO.3		
General Introduction: Study of waste water, black water & grey water. ystem of collection and conveyance of sewage- separate and combined ystems, patterns of sewage collection systems. Quantity of storm water and anitary waste water, Problems on quantity estimation.	3	3
ewer: Types, Shapes, Hydraulic Design (Capacity, Size, Grade, etc.), Construction of sewer - Shoring, Trenching and laying to grade. Sewer naterials, Sewer Appurtenances - manhole street inlets, storm water overflows, inverted syphons, flushing and ventilation: House plumbing ystems, sanitary fitting and appliances, traps, anti-syphonage, inspection hambers and intercepting traps. Sewage pumping - location of pumping tation. Sewer testing and maintenance.	3	
Characteristics: Physical and chemical characteristics of wastewater, significance of BOD, COD, BOD rate constant (Problems)	2	
UNIT NO.4		
Preliminary & Primary Treatments: Sewage treatment flow sheet, site selection for sewage treatment plant. Preliminary and primary treatments - Screens, Grit chambers, oil & grease removal, Primary settling tank (Only	3	
working principles)		4
working principles) Secondary treatments - Principle of Biological Treatment, bacterial growth curve, Activated sludge process, trickling filter, sequence batch reactors, oxidation ponds (Only working principles)	2	4
Secondary treatments - Principle of Biological Treatment, bacterial growth curve, Activated sludge process, trickling filter, sequence batch reactors,	2	4
Secondary treatments - Principle of Biological Treatment, bacterial growth curve, Activated sludge process, trickling filter, sequence batch reactors, oxidation ponds (Only working principles) Sewage Disposals: Indian Standard for disposal, Methods of disposal, Sewage farming, self-purification of stream (Streeter Phelp's equation, Oxygen sag curve). Recycle & reuse of sewage (Zero discharge concept).		4
Secondary treatments - Principle of Biological Treatment, bacterial growth curve, Activated sludge process, trickling filter, sequence batch reactors, oxidation ponds (Only working principles) Sewage Disposals: Indian Standard for disposal, Methods of disposal, Sewage farming, self-purification of stream (Streeter Phelp's equation, Oxygen sag curve). Recycle & reuse of sewage (Zero discharge concept). Sludge digestion process, sludge drying beds. Rural sanitation: Pit privy, aqua privy, bio-gas recovery, Septic tank- soak	2	4

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	References		
Name of Book	Name of Author	Name of Publisher	Edition
Water Supply Engineering	B.C.Punmia, Ashok Jain and Arun Jain	Laxmi Publication	
Water Supply & Sewage	M.J.Macghee	McGraw Hill Publication	
Environmental Engineering Vol – I (Water Supply Engineering) and Environmental Engg Vol. II.	Dr P.N. Modi.	Standard Book House	
Environmental Engineering	Howards Peavy, Donald R. Rowe and George Tchobanoglous.		
Central Public Health Environmental Engg. Manual	-	( CPHEEO) New Delhi	
Wastewater Engineering: Treatment and Reuse	Metcalf & Eddy	McGraw Hill Education	
Environmental Engineering-Vol II	S.K.Garg	Standard Publication	
Waste Water Engineering	B.C.Punmia, Ashok Jain and Arun Jain	Laxmi Publication	
Water Supply & Sanitary Engineering	G.S.Birdie	DhanpatRai Publication	



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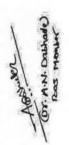
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RASHTRASANT TUKDOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR B. TECH CIVIL ENGINEERING (CHOICE BASED CREDIT SYSTEM) FACULTY OF SCIENCE & TECHNOLOGY SCHEME OF EXAMINATION & EVALUATION

			ž	Workload in	ų in			tipur.							Minimu	Minimum passing
Sr.	Cubiant Cada	Cubicat		Hours				Credit				Marks			E	marks
°N	annject code	Subject	-	4	•	-	F	•	Totol	Ť	Theory	Pra	Practical	Tot		
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-	BTCVE501T	Hydraulic Engineering	æ	0	0	m	0	0	æ	30	70	1	1	100	45	1
2	BTCVE501P	Hydraulic Engineering (Practical)	0	0	2	0	0	-	-	1	1	25	25	50	-1	25
3	BTCVE502T	Reinforced Cement Concrete (RCC) designs	m	-	0	m	-	0	4	30	70	1	1	100	45	1
4	BTCVE503T	Civil Engineering Materials, Testing & Evaluation	Э	0	0	m	0	0	m	30	70	1	1	100	45	1
5	BTCVE503P	Civil Engineering Materials, Testing & Evaluation (Practical)	0	0	5	0	0	-	-	1 I.	1	25	25	50	1	25
9	BTCVE504T	Professional Practice, Law & Ethics	m	0	0	m	0	0	m	30	70	I	I	100	45	1
7	<b>BTCVE505T</b>	Elective-I	m	0	0	m	0	0	я	30	70	1	1	100	45	1
8	BTCVE506T	Elective-II	m	0	0	m	0	0	3	30	70	1	1	100	45	1
6	BTCVE507P	Industrial Training (Already done in summer vacation after 4 <sup>th</sup> sem) & Professional Skill Training (Software Applications in Civil Engineering)	0	o	N	0	0	-	-	1	1	50	50	100	1	20
10	BTCVE508AU	Organizational Behavior	2	0	0	0	0	0	0	1	1	50	Audit	50	1	1
		TOTAL	20	-	9	18	-	m	22	180	420	150	100	850		

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### RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR FACULTY OF SCIENCE & TECHNOLOGY B. TECH CIVIL ENGINEERING (CHOICE BASED CREDIT SYSTEM)

Sem: V		<b>Total Hours Distri</b>		
Total Credit: 03	Lecture (L): 3 Hrs	Tutorial/Activity (	T/A): 0 Hrs. Pr	actical (P): 0 Hrs.
Subject Code	BTCVE504T	Name of Subject: ] Ethics	Professional Pra	ctice, Law &
	E	amination Scheme		
Inter	rnal Marks:	University Marks:	Minimum Pass Marks:	sing Examination Duration:
(15 Marks for s	0 Marks sessional examination) for Activity based)	70 Marks	45 Marks	3 Hours

Cours	e Objective
1	The objective of this course is to inculcate the sense of social responsibility among learners and to make them realize the significance of ethics in professional environment so as to make them a global citizen

Course	Outcome
After c	ompletion of syllabus student able to
1	Understand basic purpose of profession, professional ethics and various moral and
2	Analyse various moral issues and theories of moral development
3	Realize their roles of applying ethical principles at various professional levels
4	Identify their responsibilities for safety and risk benefit analysis.
5	understand their constructive roles in dealing various global issues
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### MAPPING OF CO WITH PO

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
BECVE504T						2	2	3				1
1 BECVE504T						2	2	3				1
2 BECVE504T						2	2	3				1
BECVE504T						2	2	3				1
BECVE504T						2	2	3				1

1 Low

3 High

### SYLLABUS

2 Medium

Details of Topic	Allot of Hour	ment 'S	Mapped with CC Number
	L	T/A	со
Human Values, Morals, values and Ethics, Integrity, Work ethics, Service learning, Civic virtue, Respect for others, Living peacefully, Caring, Sharing, Honesty, Courage	08		1
Unit No.2			
Engineering Ethics, Senses of 'Engineering Ethics', Variety of moral issues, Moral dilemmas, Moral Autonomy, Kohlberg's theory, Gilligan's theory	07		2
Unit No.3			
Engineering as Social Experimentation, Engineering as Experimentation, Engineers as responsible Experimenters, Codes of Ethics, A Balanced Outlook on Law(Industrial Disputes Act, 1947; Industrial Employment (Standing Orders) Act, 1946; Workmen's Compensation Act, 1923; Building & Other Construction Workers (regulation of employment and conditions of service) Act (1996) and Rules (1998); RERA Act 2017, NBC 2017)	07		3
Unit No.4			
Safety, Responsibilities and rights, Safety and Risk, Assessment of Safety and Risk, Risk Benefit Analysis and Reducing Risk, Collective Bargaining, Professional Rights, Employee Rights			4

Unit No.5		
Global issues, Multinational Corporations, Computer Ethics, Weapons Development, Engineers as Managers, Consulting Engineers, Engineers as Expert Witnesses and Advisors, Corporate Social Responsibility	07	5

Reference		Name of Author	Name of Publisher	Edition	Catego	ry	
Applicable for Unit No.	Name of Book	Name of Author	traine of a uphysica		Text Book	Research paper	Reference book
	Professional Ethics	R. Subramaniam	Oxford Publications, New Delhi.				Yes
	Human Values And Professional Ethics by,	Jayshree Suresh and B. S. Raghavan	S. Chand Publications				Yes
1,11,111	Ethics in Engineering by-	Mike W. Martin and Roland Schinzinger	Tata McGraw-Hill – 2003.				Yes
, IV,V	Human Values & Professional Ethics by,	S. B. Gogate	Vikas Publishing House Pvt. Ltd., Noida.				Yes
	Professional Ethics and Human Values	A. Alavudeen, R.Kalil Rahman, and M. Jayakumaran	Science Press.				Yes
	Engineering Ethics & Human Values	M.Govindarajan, S.Natarajan, and V.S.SenthilKumar					Yes



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(Dr. Avinash N Shrikhande,) BOS (Gvil Eugo) chairman

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### RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR FACULTY OF SCIENCE & TECHNOLOGY

### B. TECH CIVIL ENGINEERING (CHOICE BASED CREDIT SYSTEM)

Sem: V		Total Hours Distribution per w	eek
	Lecture (L): 02 Hrs	Tutorial/Activity (T/A): 0 Hrs	Practical (P): 0 Hrs.
Subject Code	BTCVE508AU	Name of Subject: Organization	nal Behaviour
	E	xamination Scheme	
Internal Marks:	University Marks:	Minimum Passing Marks:	Examination Duration:
50 Marks	AUDIT	-	

Cours	e Objective
	The objective of the course is to create awareness among learners about the various essential aspects of organizational processes and structure and motivation in organization.

Outcome
mpletion of syllabus student able to
Understand the concept and importance of organizational behaviour.
Acquire the knowledge of interpersonal behaviour and transaction analysis
Know different traits and theories of personality
Analyze the importance of motivation in organization and types of leadership

### MAPPING OF CO WITH PO

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	-								3	2		1
BECVE508AU1									3	2		1
BECVE508AU2				-	-				3	2		1
BECVE508AU3			-						3	2		1
BECVE508AU4									5	2		-

1 Low

3 High

### SYLLABUS

2 Medium

Unit No.1: Introduction to organizational behaviour	0	ment of urs	Mapped with CO Number
Details of Topic	L	T/A	CO
Concept of organization behavior	01		1
Importance of organization behaviour	02		1
Key elements of organization behaviour	01		1
Scope of organizational behaviour.	02		1
	06		
Unit No.2: Introduction to interpersonal behavior			
Details of Topic		tment of ours	Mapped with CO Number
Details of Topic	L	T/A	CO
Nature and meaning of interpersonal behaviour	01		2
Concept of transaction analysis	02		2
Benefits and uses of transaction analysis	01		2
Johari window model.	02		2
	06		
Unit No.3: Introduction to personality			
Details of Topic		otment of lours	Mapped with CO Number
	L	T/A	CO
Definition and meaning of personality	02		3
Importance of personality	02		3
Theories of personality, personality traits.	02		3
	06		

Unit No.4 : Introduction to Motivation and leadership Details of Topic		tment of ours	Mapped with CO Number
Details of Topic	L	T/A	CO
Concept and importance of motivation	01		4
Maslow's two factor theory of motivation.	02		4
Significance of motivation in organization.	01		4
Types of leadership styles	02		4
, jpos or real-real s	06		

		R	eferences				
Angliaghla	Name of	Name of	Name of	Edition		Categor	У
Applicable for Unit No.	Book	Author	Publisher		Text Book	Research paper	Reference book
	Organizational behaviour	MN Mishra					
I,II,	The human side of organization	Michale Drafke					
III,IV	Management and Organizational behaviour	Laurie.J. Mullins					
	Organizational behaviour	K. Aaswathappa					



toosuler (m. A.N. Dashade) Ros Member

(Dr. Avinash N Shrikhande,) BOS (Gvif Enge) Chairman

Principal

Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

SCHEME OF EXAMINATION FOR

## B.Tech. ELECTRONICS & TELECOMMUNICATION / ELECTRONICS & COMMUNICATION ENGINEERING/ ELECTRONICS ENGINEERING

TheoryTheoryTheoryPracticalLPractiTutorialTotaLPPPPPCMicrocontrollers3-1T43-1VinversityInternalUniversityCMicrocontrollers3-1T43-1Applications2-1-1-12525-CMicrocontrollers3-1T43-12525-CMolog & Digital3-1T43-12525-CAnalog and Digital-2-1-1-12525CAnalog System3-1T43-1CAnalog System3-1T43-1<	Code	de Subject		I eac	I eaching Scheme	ne	Credit	It			MAKKS	8			
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C Microcontrollers         3         -         1         4         30         70         -         -           Applications         -         2         -         1         -         1         -         25         25           Applications         -         1         -         1         -         1         -         25         25           Applications         -         1         4         30         70         -         -         -           Applications         -         1         4         3         -         1         -         -         25         25           Communications         3         -         1         4         30         70         -         -         -           Communications         3         -         1         4         30         70         -         -         -         -         -         -         -         1           Communications         3         -         1         4         30         70         -         -         1         -         -         1         -         -         -         -         -         -         -			F	Practi cal	•		L	d	T/A			University		Univ.	
Kircocontrollers         -         2         -         1         -         1         -         -         25         25         25           Applications Lab         3         -         1T         4         3         -         1         4         30         70         -         -         -         -         -         -         -         -         -         -         -         -         -         25         25         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         1         -         1         -         1         -         1         -         1         -         1         -         -         25         25         25           Communications Lab         3         -         1         4         30         70         -	BEE1 -401T	C	ς, η	1	IT		6	1	-	4	30	70	•		100
C         Analog &Digital         3         -         IT         4         3         -         70         -         -           Communications         3         -         1         -         1         -         1         -         25         25           Communications         3         -         1T         4         3         -         1         -         25         25         25           Communications         3         -         1         4         3         -         23         25         25         25           Algorithm         3         -         -         3         3         -         3         30         70         -	BEE1 -401	1. S. M. S. S. S. M.	1	2	1	5	1	-	1	-	1	1	25	25	50
Analog and Digital         -         2         -         1         -         1         -         -         25         25           Electronics Lab         3         -         1T         4         3         -         12         25         25         25           Analog System         3         -         1T         4         3         -         26         70         -         -         25         25           Analog System         3         -         -         3         3         -         3         30         70         -         <	BEET -402		3	1	1T	4	3	1	-	4	30	70	1		100
Analog System         3         -         IT         4         3         -         I         4         30         70         -	BEET -403I			2	1	2	1	-	1	-	1	1	25	25	50
Data structure &       3       -       -       3       3       -       -       3       30       70       -	BEET -4041		ю	1	IT	4	3	1	I	4	30	20	1	1	100
HSC: Numerical       3       -       -       3       3       -       3       30       70       -       -       -         Mathematics and Probability Using       Probability Using       -       -       3       3       -       2       -	BEET -4057		3	1	1	3	3	1	1	3	30	70	1		100
Programming for problem solving         2         -         2         2         -         2         15         35         -         -           Programming for problem solving         -         4         -         2         2         2         35         - </td <td>4061</td> <td>1</td> <td>3</td> <td>1</td> <td>1</td> <td>e</td> <td>3</td> <td>1</td> <td></td> <td>e</td> <td>30</td> <td>70</td> <td>1</td> <td>ł</td> <td>100</td>	4061	1	3	1	1	e	3	1		e	30	70	1	ł	100
Programming for problem solving         -         4         -         2         -         2         -         2         25         25           problem solving         -         +         -         2         -         2         -         25         25         25           Lab         -         -         +         -         2         -         2         -         25         25         25           Internship         -         -         1         1         -         20         50         -         -         50         -         -         50         -         -         50         -         -         50         -         -         50         -         -         -         50         -	BEET	C Programming for problem solving	2	1	ı	2	2	1		2	15	35		1	50
Internship         Internship         1         1         50         -           Universal human         3         3         3         3         3         30         70         -           Values         20         8         31         30         4         2         30         70         -         -	EETC 407P	- Programming for problem solving Lab	1	4	1	4	1	2	1	2			25	. 25	50
Universal human         3         3         3         3         3         3         30         70           values         20         8         31         30         4         2         30         70	4081								100	-		i pr	50	2 25348 (01) (1) (1)	50
20 8 3T 31 70 4 2 30 405 127	EETC-		3			3	3	4.1.		e	30	70			100
		Total	20	80	3T	31`	20	4	3	28 1	95	455	125	75	850

### RashtrasantTukadoji Maharaj Nagpur University, Nagpur

Faculty of Engineering and Technology

### B.E IVthsem (ETC/ECE/EN)

### Subject: Universal Human Values (Theory)

CREDITS: 03

Teaching Scheme: 3 Hours/Week:

Examination Scheme: University Assessment: 70 Marks

College Assessment: 30 Marks

### Aim: To inculcate sensitivity among students towards themselves and their surrounding including family, society and nature

Objective: The objective of the course is four fold: 1. Development of a holistic perspective based on self-exploration, about themselves(humanbeing), family, society and nature/existence. 2. Understanding (or developing clarity) of the harmony in the human being, family, society and nature/existence

3. Strengthening of self-reflection.

4. Development of commitment and courage to act.

Course outcomes: By the end of the course,

- 1. Students are expected to become more aware of themselves, and their surroundings (family, society, nature)
- 2. Students would become more responsible in life, and in handling problems with sustainable solutions, while keeping human relationships and human nature in mind.
- 3. Students would understand values in relationship.
- 4. Students would understand the role of a human being in ensuring harmony in society and
- 5. Students would distinguish between ethical and unethical practices at work place and would contribute for making a value based society

### Unit 1

Value education, definition, need for value education. The content and the process of value education, basic guidelines for value education, self-exploration as a means of value education, happiness and prosperity as part of value education.

(6 hours)

### Unit 2

Harmony of self with body, coexistence of self and body, understanding the needs of self and the needs of body, understanding the activities in the self and the activities in the body, Understanding Harmony of I with the body, Sanyam, Aspects of Sanyam, Types of Sanyam,

benefits and obstacles in the path of Sanyam, Swasthya, Aspects of Swasthya, Determinants of Swasthya, Ways to maintain Swasthya.

(8 hours)

### Unit 3

Values in relationship (nine universal values in relationships), Understanding values in humanhuman relationship; Meaning of Justice, Elements of Justice, Understanding meaning of Trust; Elements, Types and Dimensions of Trust, Difference between intention and competence.

(6 hours)

### Unit 4

The five dimensions of human endeavour, the holistic perception of harmony in existence, Understanding harmony in society: Resolution, Prosperity, fearlessness (trust) and co-existence as comprehensive Human Goals. hours) (8)

### Unit 5

Basics for ethical human conduct, definitiveness in ethical human conduct, human rights violations and social disparities, value based life, Competence in professional ethics

(8 hours)

Text Book: Human Values and Professional Ethics by R R Gaur, R Sangal, G P Bagaria, ExcelBooks,

### **Reference Books**

1. Jeevan Vidya: Ek Parichaya, A Nagaraj, Jeevan Vidya Prakashan, Amarkantak, 1999.

2. Human Values, A.N. Tripathi, New Age Intl. Publishers, New Delhi, 2004.

3. Indian Ethos and Modern Management: Amalgam of the best of the ideas from the East and the West, B.L. Bajpai, New Royal Book Bo., Lucknow, 2004

4. Human society in ethics and politics, Bertrand Russel, Routledge Publications, 2009

Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur Faculty of Science & Technology

### Scheme of Examination and Evaluation

# Bachelor of Technology (Mechanical Engineering) (Choice Based Credit System)

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### RTM Nagpur University-Mechanical Engineering B.Tech. 8th Semester Elective – VI: Green & Sustainable Manufacturing (BTME804T) Syllabus (Theory)

1		Ho	urs / 1	Week	Cr	Max	imum Ma	irks	Exam
Semeșter	Course Title (Subject)				cdi	Continu	Unive	Total	Duration (Hrs.)
		L	Т	Р	ts .	al Assess	rsity Exami	Total	
viii	Green & Sustainable Manufacturing	3	-		3	30	70	100	3Hrs

Sr. No.	Course Objective The objective of this course is-
1	To Study Importance of Environment conscious manufacturing (Green Manufacturing).
2	To achieve sustainability through manufacturing
3	To conserve natural resources for future generation through green manufacturing practices
1000	Course Outcomes
After :	uccessful completion of this course the student will be able to:
coi	Get acquainted with the current global and Indian manufacturing scenario and challenges with respect to environment
CO2	Get acquainted with the green manufacturing concept and its need in global and Indian context
CO3	Get conversant with the various Key GM Operational Technologies, approaches, strategies, and Elements
CO4	Get acquainted with International and National Green regulations,. International Treaties supporting GM
C05	Get conversant with the Conceptual GM model. Performance measurement tools & Green economics for GM, Analytical Tools for Sustainability Assessment, Life Cycle Assessment

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SYLLABUS	
Contents	No of hour
Unit I Manufacturing in industries, Definition, Importance of Green Manufacturing(GM) & Sustainable manufacturing (SM), Need for public awareness for GM, Major Environmental Issues, Ozone depleting gases – Green House Effect – Green House Gases and Global Warming ,Air Pollution, Impact of Large industries, Small & medium enterprises (SMEs) on environment, Industrial Pollution Indian Scenario,	1
Unit II Introduction of Green and sustainable Manufacturing - Understand global business conditions and the need for integrating sustainability into existing continuous improvement initiatives, Need for GM and SM in Production ; Origin and Overview of GM:- Evolution & overview of Green manufacturing practices. Sustainability and global conditions, The Clean production concept, GM for Sustainable Development Green Manufacturing Practices (Country Specific and Industry Specific), Various green practices pursued by major companies	7Hrs
Unit III The Three Rs (Reduce, Recycle and Reuse) in Manufacturing Industries:& 6R'sin Sustainable manufacturing i.e. reduce, reuse, recycle, recover, redesign and re manufacturing, GM Operational Technologies, GM Approaches/strategies, Elements of GM ,Green Design (Design for the Environment) (DfE) ,Life Cycle Analysis or Assessment (LCA),Green Process Planning, Green Supply Chain (GSC),Reverse Logistics (RL),Green purchasing and Marketing, Green productivity, Green Disposal),GM in Industry 4.0 scenario.	8Hrs ¢ i
Unit IV International and National Green regulations, International Treaties: international and National Regulation on Environmental Sustainability and its Sectoral Impact; GM legislation / directives, Kyoto Protocol International Green Regulations, Waste Electrical and Electronic Equipment (WEEE) Directive, Restrictions of Hazardous Substances (RoHs) Directive, End of Life Vehicle (ELV) Directive, The Take-back law, ISO 14000 series of standards for GM	7Hrs
Unit V Case Study for establishing GM model for manufacturing industry. Case study for identifying the artical success factors(drivers) and performance measure of GM in manufacturing industry Establishing the relationship and framing the GM model based on identifying drivers and measures using suitable statistical tool or software. [students are expected to perform case study and establish model for GM through case study]	8Hirs †

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### References:

Text Books Recommended:

+"21st century management : a reference handbook" Edited by: Charles WankelSAGE Publications, Inc., 2008. "Handbook of environmentally conscious manufacturing" Edited by: Christian N. Madu London - Kluwer Academic Publishers, 2001.

"Industrial Ecology" T.E. Gruedel & B.R. Allenby Pearson Education, Inc. 2003.

Reference Books Recommended:

. "Greener manufacturing and operations: from design to delivery and back'Edited by: Joseph Sarkis Greenleaf Pub., 2001.

· An Introduction to Alternative Energy Sources: Ranky, P.G. An interactive multimedia 3D eBook publication by CIMware USA, Inc. and CIMware Ltd., UK, ISBN 1-872631- 97-5, 2008

Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur Faculty of Science & Technology

## Scheme of Examination and Evaluation

Bachelor of Technology (Mechanical Engineering) (Choice Based Credit System) V Semester B. Tech (Mechanical Engineering)

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I       BEME501T       Professional core courses       Heat Transfer       1       L       T         2       BEME501P       Professional core courses       Heat Transfer Lab       2       2         3       BEME501P       Professional core courses       Heat Transfer Lab       2       2         3       BEME502T       Professional core courses       Energy Conversion-I       3       1         4       BEME503T       Professional core courses       Elements       3       1         5       BEME504T       Professional core courses       Bements       3       1         6       BEME504T       Sciences & Management       Management       3       -         6       BEME505T       Professional core courses       Methale       3       -         6       BEME505T       Professional core courses       Methale       3       -         6       BEME505F       Professional core courses       Methale       3       -       -         7       Sciences & Metrology Lab       Metrology Lab       3       -       -       -         8       Professional core courses       Metrology Lab       Metrology Lab       -       -       -         8 </th <th></th> <th>Course Code</th> <th>c Category</th> <th>Course Title</th> <th></th> <th></th> <th>In</th> <th>Credits</th> <th>- 1</th> <th></th> <th>Theory</th> <th></th> <th></th> <th></th> <th>Practical</th> <th>-</th> <th></th>		Course Code	c Category	Course Title			In	Credits	- 1		Theory				Practical	-	
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### RTM Nagpur University- Mechanical Engineering B.Tech 5<sup>th</sup> Semester Performing Art (BTME507P) Mandatory Course Syllabus (Practical)

						M	aximum M	arks	Exan
Semester	Course Title (Subject)	Ho	urs / V	Veek	Credits	Conti nual	Univer sity		Durat
		L	Т	Р		Assess m ent	Exami nation	Total	(Hrs.)
v	Performing Art			2	Audit (0)				

Sr.	Course Objective
No.	The objective of this course is-
1	A short course in art is at the heart of this course and is intended to open the way for students to "think outside the square" – or more precisely, through art to find themselves in that challenging but potentially wonderful place outside their own personal square.

### **Course Outcomes**

- Empower the students in problem solving skills.
- The ability to analyze things and communicate them in the right way is taught.
- These skills are very much essential to get employed in reputed companies and most of the companies prefer candidates with the mentioned skills.
- It helps in selecting future options.

Performing Art –Suggested Activities. However Institutes are free to design their owncourse as per their convenience

Music	Dance	Drama		
1. Raga studies	1. History of Dance	1. Acting		
2. Western music	2. Choreography	2. Basic vocal practice		
3. Hindustani music	3. New media	3. Communication skills		
4. Study of Tala	4. Performance Practice	4. Yoga		
5. Shastra	5. Indian Culture	5. Direction		
6. Rabindra sangeet	6. Techniques of Dance	6. Event management		
7. Folk music	7. Movement Techniques	7. Computer skills		
8. World music	8. Dance on Camera	8. Indian theatre		
		9. History of theatre		
		10. Western theatre		
		11. Camera, light, sound		
		12. Filming concepts		
		13. Projects on short films		
		14. TV production		
		15. Film Theories		

**LEVEL-1** 

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Music	Dance	Drama		
<ol> <li>Analytical study of raga</li> <li>Raga classification system</li> <li>Indian aesthetics</li> <li>Comparative aesthetics</li> <li>A critical study of specified raga</li> <li>Composition forms of Indian vocal music</li> </ol>	<ol> <li>History of dance</li> <li>Dance and sculpture</li> <li>Kathak</li> <li>Bharatnatyam</li> <li>Rasa &amp; Nayak Nayika Bheda</li> <li>Traditional folk dance</li> <li>Dance and Sanskrit treaties</li> </ol>	<ol> <li>Theatre game &amp; physical exercises</li> <li>Voice speech</li> <li>Acting on stage</li> <li>Play production</li> <li>Classical Indian theatre</li> <li>Direction zones</li> <li>Stage management</li> <li>Acting on camera</li> <li>TV and film production</li> <li>Children's theatre</li> <li>Folk performances</li> <li>Play production</li> <li>Improvisation, Mime and choreography</li> </ol>		

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### Dr. Babasaheb Ambedkar Technological University, Lonere

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Teaching and Evaluation Scheme for First Year B. Tech. (All Branches)

Group B

	Sen	nester							
Course Code Course Title		Teaching Scheme			Evaluation Scheme			X	
		L	T	P	CA	MSE	ESE	Total	Credit
Mandatory	Induction Program		3-weeks	durat	ion in	the be	ginnin	g of se	mester.
BTBS101	Engineering Mathematics- I	3	1	-	20	20	60	100	4
BTBS102	Engineering Chemistry	3	1	-	20	20	60	100	4
BTES103	Engineering Mechanics	2	1	-	20	20	60	100	3
BTES104	Computer Programming in C	3	-	-	20	20	60	100	2
BTES105L	Workshop Practices	-	-	4	60	-	40	100	2
BTES106	Basic Electrical and Electronics Engineering	2	-	-	50	-	-	50	Audit
BTBS107L	Engineering Chemistry Lab	-	-	2	60	-	40	100	1
BTES108L	Engineering Mechanics Lab		-	2	60	-	40	100	1
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			25						
	Sei	mester	· II						
BTBS201	Engineering Mathematics-II	3	1	-	20	20	60	100	4
BTBS202	Engineering Physics	3	1	-	20	20	60	100	4
BTES203	Engineering Graphics	2	-	-	20	20	60	100	2
BTHM204	Communication Skills	2	-	-	20	20	60	100	2
BTES205	Energy and Environment Engineering	2	-	-	20	20	60	100	2
BTES206	Basic Civil and Mechanical Engineering	2	-	-	50	-	-	50	Audit
BTBS207L	Engineering Physics Lab	-	-	2	60	-	40	100	1
BTES208L	Engineering Graphics Lab	-		3	60	-	40	100	2
BTHM209L	Communication Skills Lab.		-	2	60	-	40	100	1
BTES210S	Seminar	-	-	2	60	-	40	100	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)	-		-	-	-	-		Credits To be evaluat d in II Sem.
		14	02	09	390	100	460	950	19
			26	1					

Principal

### Dr. Babasaheb Ambedkar Technological University, Lonere

### BTHM104/204 Communication Skills

### 2 Credits

### Course Objectives:

1. To know and apply speaking and writing skills in professional as well as social situations

2. To Overcome Mother Tongue Influence and demonstrate neutral accent while exercising English

- 3. To know and apply communication skills for Presentations, Group Discussion and interpersonal interactions.
- 4. To know and apply grammar correctly during Speaking and Writing situations especially in context with Presentations, Public Speaking, Report writing and Business Correspondence

### Course Outcomes:

### Students will be able to:

1. Apply speaking and writing skills in professional as well as social situations

2. Overcome Mother Tongue Influence and demonstrate neutral accent while exercising English

3. Apply communication skills for Presentations, Group Discussion and interpersonal interactions.

4. Apply grammar correctly during Speaking and Writing situations especially in context with Presentations, Public Speaking, Report writing and Business Correspondence

### Unit 1: Communication and Communication Processes

Introduction to Communication, Forms and functions of Communication, Barriers to Communication and overcoming them, Verbal and Non-verbal Communication Reading: Introduction to Reading, Barriers to Reading, Types of Reading: Skimming, Scanning, Fast Reading, Strategies for Reading, Comprehension. Listening : Importance of Listening, Types of Listening.

### Unit 2: Verbal & Non-verbal Communication

Use of Language in Spoken Communication, Principles and Practice of Group Discussion, Public Speaking (Addressing Small Groups and Making Presentation), Interview Techniques, Appropriate Use of Non-verbal Communication, Presentation Skills, Extempore, Elocution.

### Unit 3: Study of Soundsin English

Introduction to phonetics, Study of Speech Organs, Study of Phonemic Script, Articulation of Different Sounds in English.

### Unit 4: English Grammar

Grammar: Forms of Tenses, Articles, Prepositions, Use of Auxiliaries and Modal Auxiliaries, Synonyms and Antonyms, Common Errors.

### Unit 5: Writing Skills, Reading Skills & Listening Skills

Features of Good Language, Difference between Technical Style and Literary Style, Writing Emails, Formal and Informal English, Technical Reports: Report Writing: Format, Structure and Types Letter Writing: Types, Parts, Layouts, Letters and Applications, Use of Different Expressions and Style, Writing Job Application Letter and Resume.

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Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

### (04hrs) Barrie

### (02 hrs)

(04 hrs)

### (05 hrs)

(04 hrs)

### Dr. Babasaheb Ambedkar Technological University, Lonere

### Text book:

Mohd. Ashraf Rizvi, Communication Skills for Engineers, Tata McGraw Hill

### **Reference Books:**

a. Sanjay Kumar, Pushp Lata, Communication Skills, Oxford University Press, 2016

b.Meenakshi Raman, Sangeeta Sharma, Communication Skills, Oxford University Press, 2017

c.Teri Kwal Gamble, Michael Gamble, Communication Works, Tata McGraw Hill Education, 2010

d.Anderson, Kenneth. Joan Maclean and Tossny Lynch. Study Speaking: A Course inSpoken English for Academic Purposes. Cambridge: CUP, 2004.

e. Aswalthapa, K. Organisational Behaviour, Himalayan Publication, Mumbai(1991).

- f. Atreya N and Guha, *Effective Credit Management*, MMC School of Management, Mumbai (1994).
- g.Balan,K.R. and Rayudu C.S., Effective Communication, Beacon New Delhi(1996).
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- i. Bhasker, W. W. S & Prabhu, N. S.: English through Reading, Vols. 1 and 2. Macmillan, 1975.

j. Black, Sam. Practical Public Relations, E.L.B.S. London(1972).

k.Blass, Laurie, Kathy Block and Hannah Friesan. Creating Meaning. Oxford: OUP,2007.

1. Bovee Courtland, L and Thrill, John V. Business Communication, Today McGraw Hill, New York, Taxman Publication(1989).

### Communication Skill Lab:

### Atleast 10 experiments should be performed from the following list

- 1) How to introduce oneself?
- 2) Introduction to Phonemic symbols
- 3) Articulation of sounds in English with proper manner

4) Practice and exercises on articulation of sounds

5) Read Pronunciations/transcriptions from the dictionary

6) Practice and exercises on pronunciations of words

7) Introduction to stress and intonation

8) Rapid reading sessions

9) Know your friend

10) How to introduce yourself

11) Extémpore

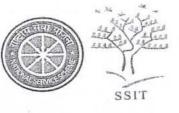
12) Group discussion

13) Participating in a debate

14) Presentation techniques

15) Interview techniques

### Sarvasiddhanta Education Society's Swaminarayan Siddhanta Institute of Technology, Nagpur. Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharashtra-441501 National Service Scheme (NSS) Session 2023-24



### INDEX

### Session 2023-24

Sr. No.	List of activity	Organised by	Year of Activity		
1.	'Remember and Commit'- An . Awareness Rally to promote literacy about the "World Aids Day"	National Service Scheme (NSS) in collaboration with IQAC	2023-24	01/12/2023	
2.	"Constitution day Celebration"	National Service Scheme (NSS) in collaboration with IQAC	2023-24	28/11/2023	
3.	'Run for Unity' – A Pledged Taking Ceremony	National Service Scheme (NSS) in collaboration with IQAC	2023-24	31/10/2023	
4.	"Health Hygiene Drive"	National Service Scheme (NSS) in collaboration with IQAC & ABHAYA- Women Development Cell	2023-24	28/10/2023	
5.	"Computer Literacy Drive"	National Service Scheme (NSS) in collaboration with IQAC & Computer Engineering Dept.	2023-24	21/10/2023	
6.	"Empowering through Engineering Drive"	National Service Scheme (NSS) in collaboration with IQAC	2023-24	14/10/2023	
7.	"Rural Renewal: Village Cleanup"- A Cleanliness Drive	National Service Scheme (NSS) in collaboration with IQAC & Green SSIT Unit	2023-24	12/08/2023	
8.	"Drive For Safety"-Road Safety Rally	National Service Scheme (NSS) in collaboration with IQAC	2023-24	04/08/202	
9.	"Yoga for Vasudhaiva Kutumbakam"- a special yoga session	National Service Scheme (NSS) in collaboration with IQAC & ABHAYA- Vomen Development Cell	2023-24	21/06/202	

Sarvasiddhanta Education Society's **Swaminarayan Siddhanta Institute of Technology, Nagpur.** Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharashtra-441501 **National Service Scheme (NSS)** Session 2023-24



Ref. No.: SSIT/NSS/2023-24/01

Date: 24/11/2023

### NOTICE

All the students, Teaching and non-teaching staff are hereby informed that the National Service Scheme (NSS) unit in collaboration with IQAC of our college is organizing 'Remember and Commit'- An Awareness Rally to promote literacy about "World AIDS Day". The Rally is scheduled on 1st December 2023 at 2.30 pm, at Ubagi Village.

Programme Officer

Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

Copy To:

- 1. Principal
- 2. IQAC Coordinator
- 3. Dean Academics Ru ATT
- 4. HOD(Civil/ME/ETC/CE/TP/FY/MBA)
- 5. Concerned Persons
- 6. Circulation among classes
- 7. Notice Board



गटग्राम पंचायत खापरी उबगी

### पंचायत समिती कळमेश्वर जि.नागपूर

श्री.सचिनज्ञानेश्वरआत्राम उपसरपंच

प्रमाणपत्र

कु.हर्षा विनायक चरपे सचिव

दिनांक:- 26/12/23

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सौ.मधुमती देविदास तागडे

सरपंच

स्वामीनारायण सिद्धांत इन्स्टिट्यूट ऑफ टेक्नॉलॉजी कळमेश्वर नागपूरच्या वतीने गट-ग्रामपंचायत खापरी उबगी येथे १ डिसेंबर २०२३ रोजी "लक्षात ठेवा आणि वचनबद्ध करा" - जागतिक एड्स दिनानिमित्त साक्षरतेला प्रोत्साहन देण्यासाठी एक जनजागृती रॅली आयोजन करण्यात आली होती. या उपक्रमामुळे समाजात सकारात्मक संदेश जात असल्याने गट-ग्रामपंचायत खापरी उबगी

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7-42 ग्राम बेबायत औ ग्राय पंचावतः खायरी ७०० च. ज. कळपेश्वर कि. नागरू.

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Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

Sarvasiddhanta Education Society's **Swaminarayan Siddhanta Institute of Technology, Nagpur.** Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharashtra-441501 **National Service Scheme (NSS)** Session 2023-24



### A report

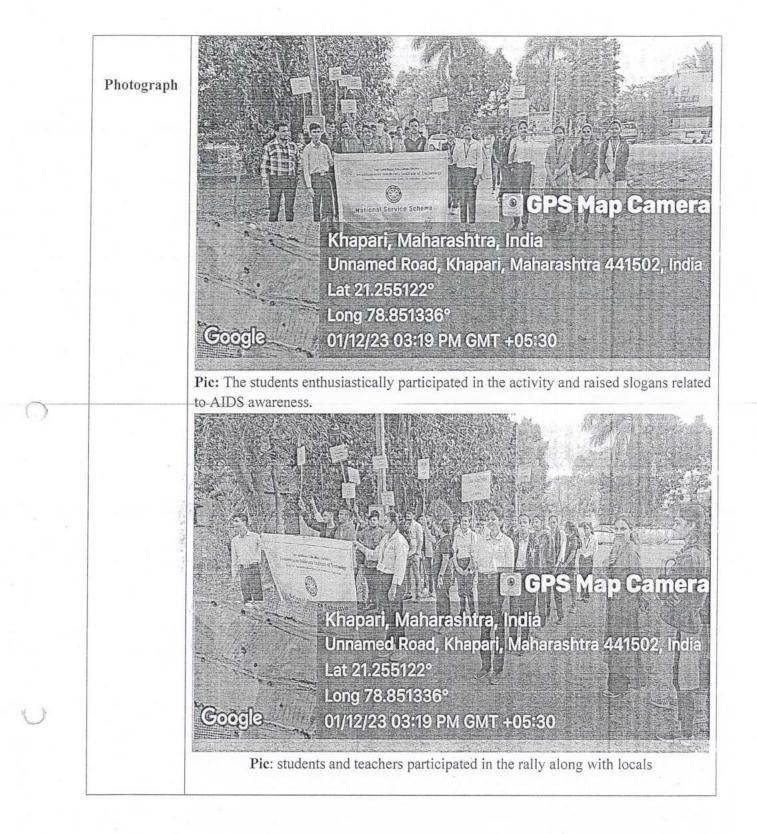
### On

### 'Remember and Commit'- An Awareness Rally

to promote literacy about "World Aids Day".

Title	'Remember and Commit'- An Awareness Rally
Date & Timing	1 <sup>st</sup> December 2023 at 2.30 pm,
Organising Committee	National Service Scheme (NSS) & IQAC
Venue	SSIT College Campus to Gram Panchayat, Ubagi Village.
No. of Participants	42
Objective	The main objective of this program is to raise awareness about social discrimination and AIDS among students.
Summary	The NSS Unit of SSIT, in collaboration with IQAC, organized an awareness rally to commemorate World AIDS Day on December 1, 2023, at 2:30 pm in Ubagi Village. This year's theme for World AIDS Day is 'Remember and Commit.' The day is primarily celebrated to unite people in raising awareness about HIV and AIDS and to demonstrate solidarity with affected individuals. The college staff and students, along with the NSS Unit, conducted the rally to raise awareness among students and residents of Ubagi Village about the causes and social stigma associated with the disease, and to promote progress in AIDS prevention. The Principal flagged off the rally from the college campus to the Gram Panchayat of Ubagi Village. The students enthusiastically participated in the activity, raising slogans related to AIDS awareness. All students, teachers, and local cadets joined the rally to raise awareness against the spread of HIV and AIDS."





Programme Officer National Sarvice Scheme (NSS) Swaminarayan Siddhanta Institute of Technology



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### Date: 01/12/2023

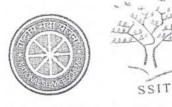
Activity: 'Remember and Commit'- An Awareness Rally to promote literacy about the "World Aids Day"

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Artha. Thul	An.
Lishant Mungle	Imungle
Rohit Rutanuar	Atus
Rohan N. Mane	Kahan
Vibodh chaharde	Ochahande.
Disha R. Ghormade	Find
Disha Q. Ghormade	DoRochormade
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Principal Swaminarayan Siddhanta Institute	Programme Officer ional Service Scheme (NSS) ninarayan Siddhanta Institute of Technology

#### Participant's

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Principal Swaminarayan Siddhanta Institute of Technology, Kuimeshwar, Dist. Naggur-441501 Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology



Date: 23/11/2023

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SIT, Nagpur. ramme Officer

National Service Scheme (NOS) pagamarat Nillians radius of ischer sug

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Ref. No.: SSIT/NSS/2023-24/A-01

### NOTICE

All faculty members and students are warmly invited to join the Constitution Day Celebration, organized to commemorate the adoption of the Indian Constitution and to pay tribute to the visionary contributions of its

chief architect, Dr. Babasaheb Ambedkar.

Date: November 28, 2023

Time: 1:00 PM-

Venue: Seminar Hall, SSIT Campus, Nagpur.

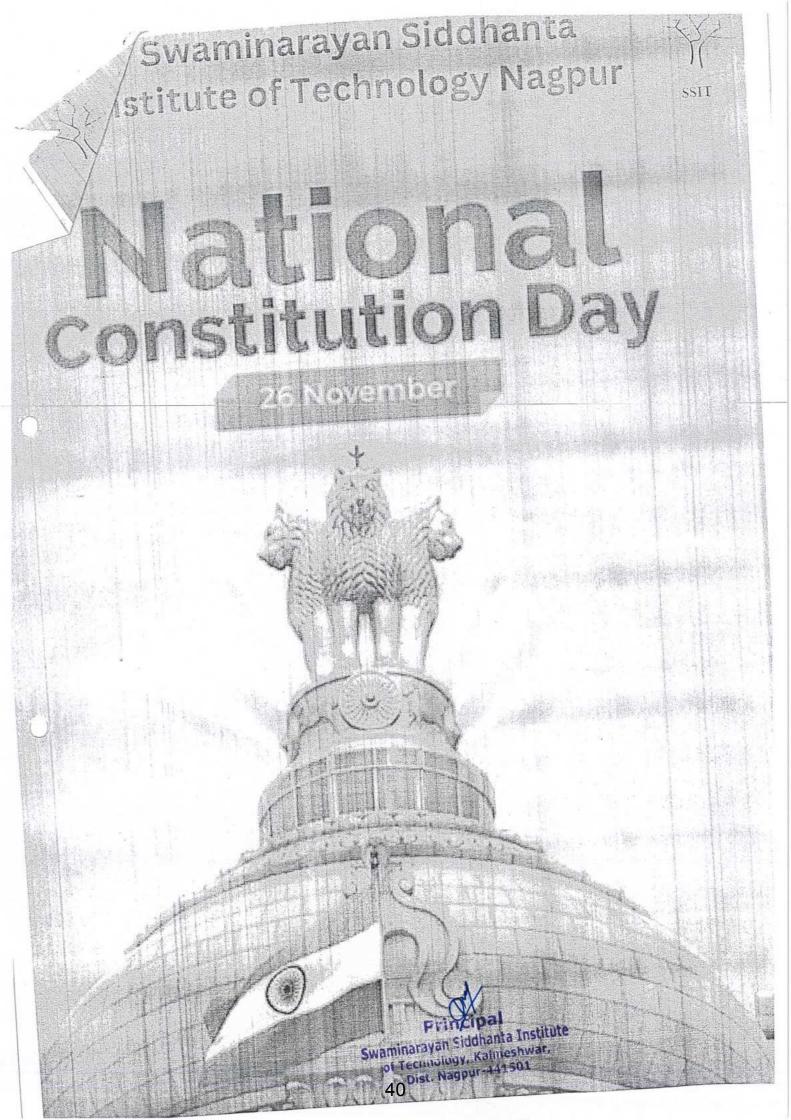
Copy to:

### 1. Principal

- 2. IQAC Coordinator

- 5. Training & Placement Cell 6. Circulation among Staff & Students
- 7. All Notice Board

Print Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501



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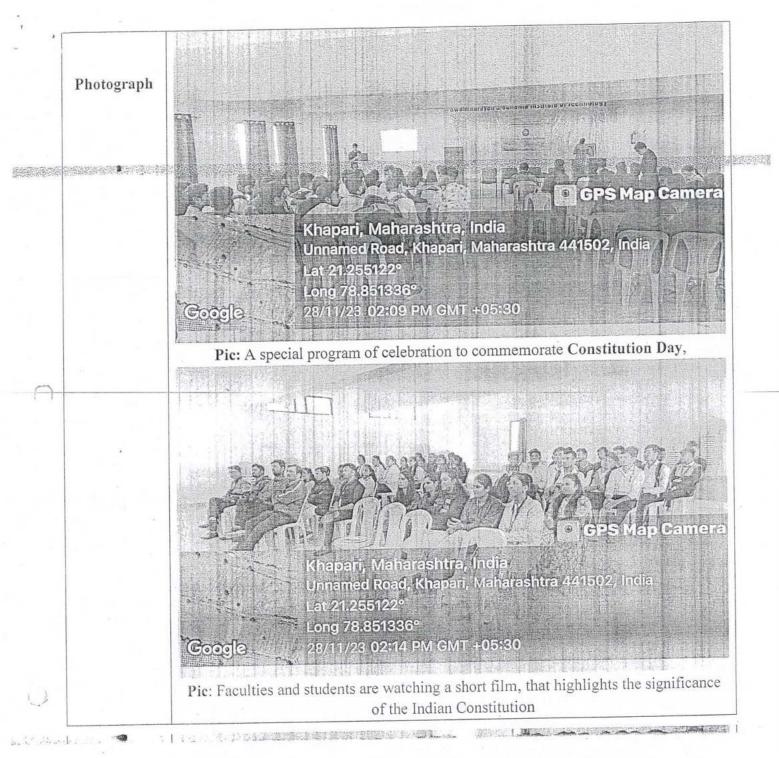
SSIT

Report on

### **Constitution Day Celebration**

Report Title	Constitution Day Celebration
Date & Timing	November 28, 2023, at 1:00 PM
Organising Committee	National Service Scheme (NSS)
Venue	Seminar Hall, SSIT
No. of Participants	29
Objective	To commemorate Constitution Day by fostering awareness among students about the significance of the Indian Constitution and the visionary contributions of Dr. Babasaheb Ambedkar, inspiring them to uphold its core values of justice, liberty, equality, and fraternity.
On November 28, 2023, Swaminarayan Siddhanta Institute of Tech organized a special program to commemorate Constitution Day, adoption of the Indian Constitution and honouring the visionary con Babasaheb Ambedkar, its chief architect.	
Summary	The event, held at 1:00 PM in the Seminar Hall, featured a short film screening that highlighted the significance of the Indian Constitution and Dr. Ambedkar's pivotal role in its creation. The film emphasized the values of justice, liberty, equality, and fraternity, inspiring students to understand their rights and responsibilities as citizens of India.
	The program aimed to foster awareness among students about the importance of the Constitution in shaping India's democracy and Dr. Ambedkar's profound legacy. It concluded with enthusiastic participation, leaving attendees with a renewed sense of

Swaminarayan Siddhanta Institute of Technology, Kaimeshwar, Dist. Nagpur-441501



Programme Officer National Service Sebeme National Service Selitarne (NICE) consider that the second of the or and



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Ref. No. SSIT/NSS/2023-24/04

Date: 27/10/2023

### NOTICE

All students, teaching, and non-teaching staff are hereby informed that the National Service Scheme (NSS) unit, in collaboration with the IQAC of our college, will be organizing a 'Pledge Taking Ceremony' in honor of the birth anniversary of Sardar Vallabhbhai Patel on 31/10/2023 at 1:30 p.m. sharp.

Ramadi

Programme Officer,

Programme<sup>S</sup> Stricer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

Copy To:

- 1. Principal
- 2. IQAC Coordinator
- 3. Dean Academios Ma & &
- 4. HOD's (CE/ME/EIC/Civil/TPXFY/MBA)
- 5. Circulation among Students
- 6. Notice Board
- 7. Concern Person

Swaminarayan Siddhanta Institute of Technology, Kaimeshwar, Dist. Nagpur-441501



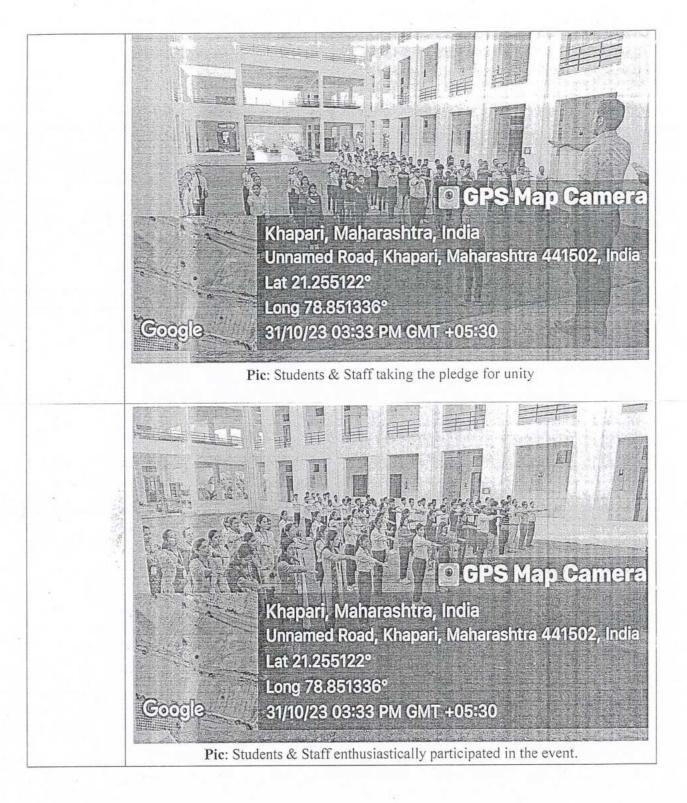
### A report

### On

### 'Run for Unity' - A Pledged Taking Ceremony

Title	'Run for Unity' – A Pledged Taking Ceremony	
Date & Timing	31-10-2023 & 3.30 PM- 04.30 PM	
Organising Committee	National Service Scheme (NSS) in collaboration with IQAC	
Venue	SSIT College Campus	
No. of Participants	46	
Objective	The primary objective of the event was to promote the ideals of unity, integrity, and social service among the students and staff of the college. It aimed to in still a sense of responsibility and social commitment, which are core principles of the National Service Scheme.	
Summary	The NSS Unit of SSIT, in collaboration with IQAC, initiated this activity. The commemorative event 'Run for Unity' – A Pledged Taking Ceremony on the birth anniversary of Sardar Vallabhbhai Patel was a resounding success, with active participation from college students and staff. It not only paid tribute to the Iron Man of India but also fostered a spirit of unity, integrity, and social service among all participants. The pledge-taking ceremony served as a reminder of our responsibility to work for the betterment of society and the nation as a whole. Mr. Nakul Shenode, Programme Officer of the NSS Unit of SSIT, executed the program with NSS volunteers. Authorities appreciated the efforts and congratulated the coordinators and staff of the college.	
Photograph		





P Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology





Date: 31/10/2023

Activity: 'Run for Unity' - A Pledged Taking Ceremony

Participant's

Name of Student	Sign
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Ajay <u>Bejjaniwar</u> Sumit Khedekar	Apromius
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Ashita Mendhi	Acherell
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Principal Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Di46Nagpur-441501

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Principal

of Territology, Kalmeshwar,

UISL Nagpur-441501

(Hawedt PFOASESHAR Officer NatioFile Strate Engineerie anss) swaminarayan Siddhanta Institute of Technology Swaminarayan Siddhanta Institute

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# RASHTRIYA EKTA DIWAS PLEDGE

I solemnly pledge that I dedicate myself to preserve the unity, integrity and security of the nation and also strive hard to spread this message among my fellow countrymen. I take this pledge in the spirit of unification of my country which was made possible by the vision and actions of Sardar Vallabhbhai Patel. I also solemnly resolve to make my own contribution to ensure internal security of my country.



Saksham Chandvabhan Badole

Signature



Swaminarayan Siddhanta Institute of Lechnology, Kalmeshwar, Dist. 489pur-441501



## RASHTRIYA EKTA DIWAS PLEDGE

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Prathmesh Sachin Adchule

Signature



Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, DiztoNagpur-441501



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Ravindva Gandhe Signature



Swaminarayan Siddhanta Institute of Tecanology - Kalmushwar, Di50<sup>Nageour 441501</sup>





## RASHTRIYA EKTA DIWAS PLEDGE

I solemnly pledge that I dedicate myself to preserve the unity, integrity and security of the nation and also strive hard to spread this message among my fellow countrymen. I take this pledge in the spirit of unification of my country which was made possible by the vision and actions of Sardar Vallabhbhai Patel. I also solemnly resolve to make my own contribution to ensure internal security of my country.





Nakul Rajesh Shenode

Signature

Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpu5-441501

Ref. No. SSIT/NSS/2023-24/03

Date: 24/10/2023

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### NOTICE

All the students, teaching and non-teaching staff are informed that the National Service Scheme (NSS) in collaboration with IQAC & ABHAYA- Women Development Cell of our college organizing a "Health Hygiene Drive" -A Women's Health Literacy drive- for the girl students of Shri Santa Nagaji Maharaj Madhyamik Vidyalaya Dorli (Bhingare) on 28/10/2023 at 1.30 p.m. sharp. Students are expected to participate in this event.

"ABHAYA"- Women Development Cell

Neucalt

Programme Officer, Programme Officer National Service Scheme (MSS) Swaminarayan Siddhanta Institute of Techno.og/

Copy To:

- 1. Principal
- 2. IQAC Coordinator
- 3. Dean Academics
- 4. HOD's (CEME/EC/Civil/TP/FY/MBA)
- 5. Circulation among Students
- 6. Notice Board
- 7. Concerned Persons

Princ Swaminarayan Siduhanta Institute of Technology, Kaimeshwar, Dist. Nagpur-441501



### A report

### On

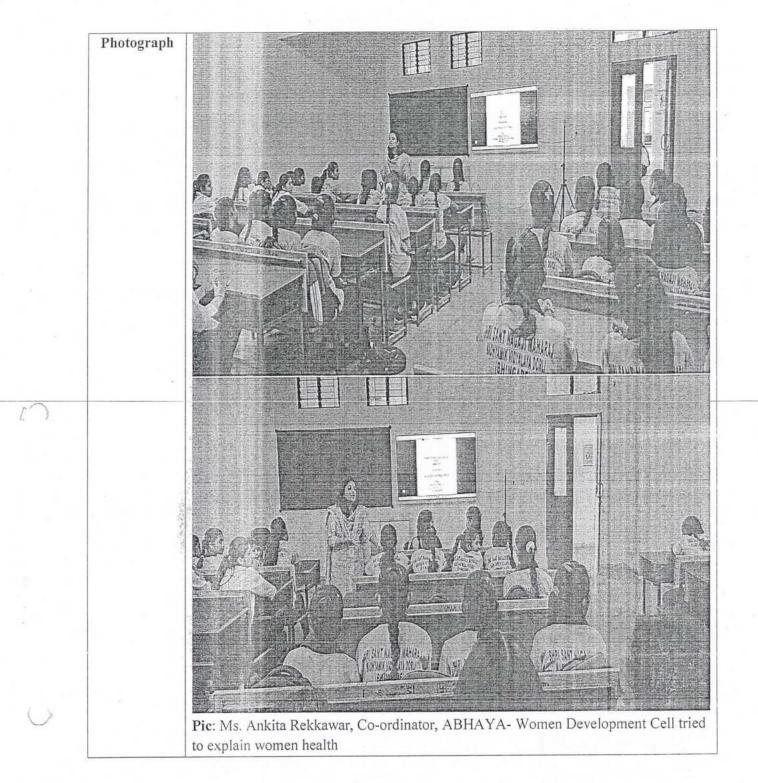
"Health Hygiene Drive"

Title	"Health Hygiene Drive"	
Date & Timing	28 <sup>th</sup> October 2023 & 1.30 pm to 4.30 pm	
Organising Committee	National Service Scheme (NSS) in collaboration with IQAC & ABHAYA- Women Development Cell	
Venue	Smart Classroom, SSIT	
No. of Participants	38	
Objective	The main objectives of this drive initiative were to promote interaction with rural women to feminine hygiene.	
Summary	The NSS Unit of SSIT, in collaboration with IQAC and ABHAYA - Women Development Cell, initiated "Health Hygiene Drive" on October 28, 2023, between 1:30 pm to 4:30 pm in the smart classroom at SSIT. NSS Volunteers and Staff including Ms. Ankita Rekkawar, Coordinator of ABHAYA - Women Developmen Cell, aimed to educate about women's health, emphasizing gentle cleansing, prope menstrual care, staying hydrated, maintaining a balanced diet, and the importance o regular checkups and self-examination. Mr. Nakul Shenode, Programme Officer of the NSS Unit of SSIT, executed the program with NSS volunteers. Girl student appreciated the efforts and congratulated the coordinator and staff of the college.	

Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology



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Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

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Sarvasiddhanta Education Society's **Swaminarayan Siddhanta Institute of Technology** Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharashtra-441501



### Activity Name: "HEALTH HYGIENE DRIVE"

Activity Date: 28/10/2023

### Participants Details

School Name: Shri Sant Nagaji Maharaj Madhyamik Vidyalaya Dorli (Bhingare), Nagpur

Sr. No.	Name of Students	Class	Sign	
1	Vaishnavi. Prakash. Pawar	3+p	vaishnavi. 8-Pawa	8.
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3	Yogita Suresh Nibude	9th	Yogita S. Nibude	
4	Nikita suresh Nibude	gth	Nikida S. Nibude	
5	Tejswini R. Anturkar	gth	Tejaswini R.Antur	-
6	Vouiskali B. Buarle	2000	Leishali Buach	
7	Damini Showyan Khaushi	10th	Damini Khaushi	
8	KushmA.V. mandleta	4 11	KuShmA mand	
9	Graupi Manik Ade	Yoth	GIQUEI M. Ade	Inc
10	Sheha Krushna Parteiti	toth	Sneha K. Papeteti	
11	Diksha Gu. Ambadare	- oth		
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Swaminarayan siddhanta Institute of Technology, Kaimeshwar, Dist. Nagpur-441501 Programme Officer National Service Scheme (NSS) Swanitariyan Siddhanta Institute of Technology

16	Kæirike Mahesgami	10 <sup>th</sup>	Koilika Mahesgauni
17	Rani Mohiskey	8th	Rani
18	Samiksha Kalaskan	8th	Bamilshy Malastun
19	Amisha Khodke	qth	Amisha
20	Richa Borkan	SH	Richa Borlean.
21	Anjali Kher	qth	Anjali Kher
22	Prafiksha Patil	gth	P. Dabel -
23	Kanchan Seevanapuskar	gith	Kanchan Jeevanopusta
24	Vaishanavi Mahajan	10H	Vaishanavi Mahajan
25	Kalpang Shmale	-gm	Halpmq shindle
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arge Women Development Cell

Programme Officer NSS, SSIT Program Coordinator National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology, Nagpur

Princ

Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

56

SSIT

Activity: "Health Hygiene Drive"

Date: 28/10/2023

Name of Student	Sign
Dhemshui Ashok Bawane	223-
Ding Mantosh Boughell	
Anomita Ditombar Choixule	Anomiku
Disha Ghormade	Aghomade
Bhamika Bhoyar	to a
Tanuja sonware	Banujg-
Aritha Jhul	atul.
Anjavi Jhuy	ATP .
Sheuti Khendal	Phueti'
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Participant's

Programme Officer National Swamingray Sir Köttikarite Histi

Princ Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501



Ref. No. SSIT/NSS/2023-24/02

Date: 16/10/2023

#### NOTICE

All the students, teaching and non-teaching staff are informed that, the National Service Scheme (NSS) unit in collaboration with IQAC & Computer Engineering Department of our college organising the "Computer Literacy Drive"- for the students of Shri Santa Nagaji Maharaj Madhyamik Vidyalaya Dorli (Bhingare) on 21/10/2023 at 1.30 p.m. sharp. Students are expected to participate in this event.

Computer Engineering Dept., SSIT Dept. of Computer Engg. Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Nagpur

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Programme Officer. NSS, SSIT Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

Copy To:

- 1. Principal
- 2. IQAC Coordinator
- 3. Dean Academics Ne 8
- 4. HOD's (CE/ME/ETC/Civil/TP/FY/MBA)
- 5. Circulation among Students
- 6. Notice Board
- 7. Concerned Persons

Principal Swaminarayan Sidohanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501





### A report

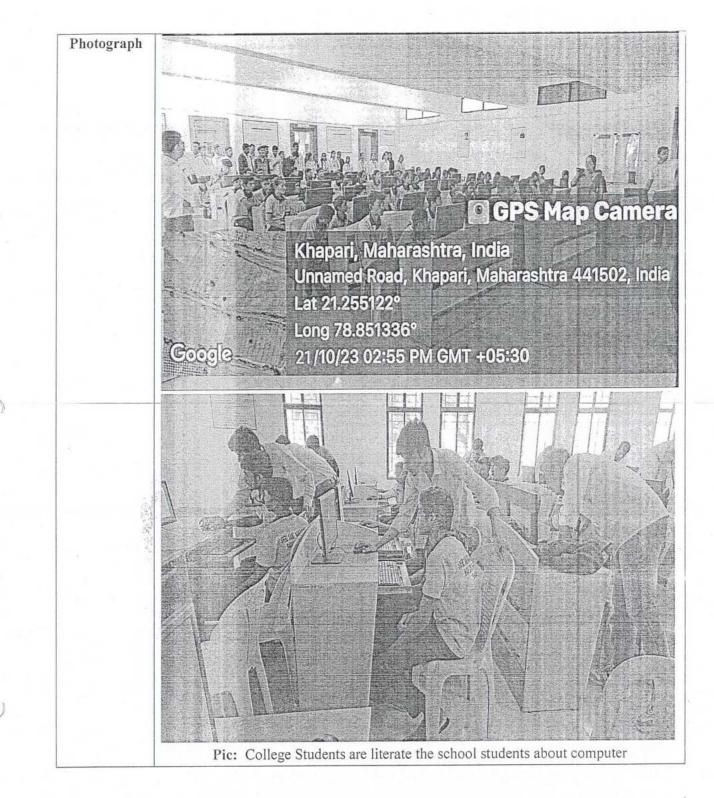
### On

"Computer Literacy Drive"

Title	"Computer Literacy Drive"	
Date & Timing	21 <sup>st</sup> October 2023 & 1.30 pm to 4.30 pm	
Organising Committee	National Service Scheme (NSS) in collaboration with IQAC & Computer Engineering Dept.	
Venue	Computer Centre, SSIT College	
No. of Participants	52	
Objective	The main objectives of this drive initiative were to promote interaction with rural high school students and create awareness of computer basics and their use in our day-to- day lives.	
Summary	The NSS Unit of SSIT, in collaboration with IQAC and the Computer Engineering Department, initiated this drive on October 21, 2023, starting at 1:30 pm. Staff and NSS Volunteers endeavoured to explain computer basics such as monitors, keyboards, and mice, and their functionalities to school students. The objective was to empower rural students with knowledge about the futuristic digital world by introducing them to the 'Basic Computer Course.' Mr. Nakul Shenode, the Programme Officer of the NSS Unit of SSIT, concluded the program with a vote of thanks to the school staff, college staff, and NSS volunteers. School Principal Mr. Manohar Chavhan appreciated the efforts and congratulated the management and staff of the college	

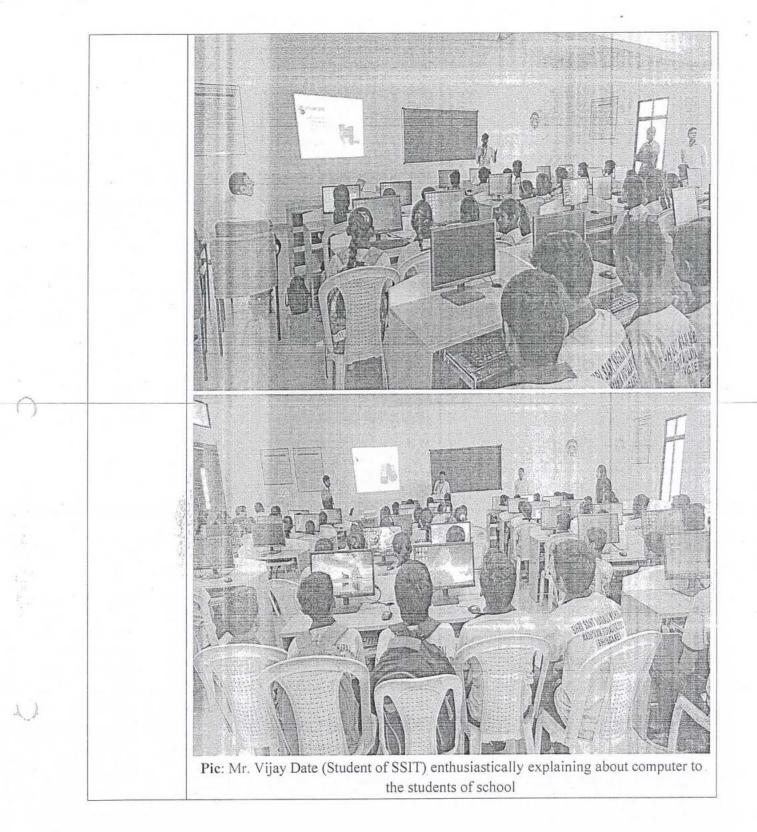
Princypal Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

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Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology





Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

Principal Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

Sarvasiddhanta Education Society's **Swaminarayan Siddhanta Institute of Technology** Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharashtra-441501



SSIT

### Activity Name: "COMPUTER LITERACY DRIVE"

Activity Date: 21/10/2023

#### **Participants Details**

School Name: Shri Sant Nagaji Maharaj Madhyamik Vidyalaya Dorli (Bhingare), Nagpur

Sr. No.	Name of Students	Class	Sign
1	Vaishnavi. Prakash. Pawar	9th	vaishnavi. P. Pawar
2 ·	Kanchan Kapshnji Parteii	2+p	Kunchen Ki Pateti
3	yogita sureshii Nibude	gth	rogita s. Nibude
4	Nikita suzeshji Nibude	yth	Nikitas. Nibude
5	Tejswini R. Antankar	gth	Fejasioni R Antonkas
6	Ganesh S. Kubhabe	gth	Gigneshow
7	OM Kailash Havase	gth	O'M KiHajaze
8	DHIDAT Sykhder sonware	gth	DHIDAJ.S. SONWARE
9	Manthan Baba Ro Nibudhe	gth	Manthan B. Nibudhe
10	Vishwas V. Parteti	9 th	Vishwas v, Parteti
11	Shubham Nikam	gth	- इन्मेम H
12	Vaishali B. Buach	toth	Disha l' Burde
13	Damini Shapvan Khaushi	10th	Damini Khaushi
14	Kushma. V. mandlekaz	Loth	KashmA mandlehaz
15	Graupi Manik Ade	Loth	Giauri m. Ade.

Principal Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

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16	Sneha Kroushina Pareteti	toth	Sneha K. Papiti
17	Diksha Gu Ambudanze	Loth	Diksha Ambudane
18	Tomushia N. Sonwome	.10th	Tomushbi sonwane
19	Khughboo R. Chikane	704H	Chikame
20	pryAn P. Bugpe	loth	HD_
21	Nitin.M. Danav	lo th	N.M. Danav
22	Sahil K. Jiwtode	loth	Dehil
23	Gaurav. C. longadge	10th	B
24	Krich V Malgam	to th	Krich
25	Rishi H. Babange	10th	Rishi
26	Jaydip K. Hajate	loth	Faydip
27	Ritik H. Rout	10 + 10	Ritike
28	Amar K, Ambutare	(0th	-Aton Ahicelo
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30	Granesh A. Rathal	10th	OPENES 5
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Program Coordinator National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology, Nagpur

Participant's

SSIT

Activity: "Computer Literacy Drive"

Date: 21/10/2023

Name of Student	Sign
Shuuti Khandal	Bhernt
Schnod Barerarya	Selfer
Davan M. patit	Der '
Scipil Righaneuhp	Sahil.
Anjali (Thul	ATTL.
Artha Thul	ALLU
Harsh Trajapati	- Jenny nut
Lishant Myngle	Dounge
Rohan N. Mane	Keben
Viboch, chaharde	Octonercy
Tushar M Mandeshwor	Falordaly.
Yash . D. Vaidya	Aujo
Dryaneshwars G. Surve	- Jusile
Sanchit & Indle	8-8-2
Kyjtikg. Maheshqauri	Forthe
Tejasvi Paratev	Larat
Joshswini. Thatees	Athela
Ashita Mendhe	Omerche
Palak Salpute	PBSapute
Kasak Bigithiye	- Lewak - Cy
Mehak. R. Yelekaz N	Sycleboe

Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagp 64441501 Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

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Prpsogramme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

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Ref. No. SSIT/NSS/2023-24/01

Date: 09/10/2023

#### NOTICE

All the students, teaching and non-teaching staff are informed that the National Service Scheme (NSS) in collaboration with IQAC of our college organizing "Empowering through Engineering" A literacy drive for the students of Shri Santa Nagaji Maharaj Madhyamik Vidyalaya Dorli (Bhingare) on 14/10/2023 at 1.30 p.m. sharp. Students are expected to participate in this event.

Programme Officer. NSS, SSIT Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

Copy To:

- 1. Principal
- 2. IQAC Coordinator
- 3. Dean Academics No. R. S.
- 4. HOD's (CE/ME/CTC/Civil/TP/FY/MBA)
- 5. Circulation among Students
- 6. Notice Board
- 7. Concerned Persons

Swaminarayan Siddhanta Institute of Technology, Kaimeshwar, Dist. Nagpur-441501



### A report On

### "Empowering trough Engineering Drive"

Title	"Empowering through Engineering Drive"		
Date & Timing	14 <sup>th</sup> October 2023 & 1.30 pm to 3.30 pm		
Organising Committee	National Service Scheme (NSS) & IQAC		
Venue	Seminar Hall, SSIT		
No. of Participants	42		
Objective	The main objectives of this drive initiative are to promote interaction with rural high school students and create an awareness of empowering through engineering that inspires new careers as well as creation.		
Summary	The NSS Unit of SSIT, in collaboration with IQAC, initiated the 'Empowering through Engineering Drive' on October 14, 2023, from 1:30 pm to 3:30 pm in the College seminar hall. NSS Volunteers endeavoured to explain the importance of engineering illustrating how engineers utilize their knowledge, skills, and creativity to design build, and maintain systems and technologies that enhance our quality of life. Mr Nakul Shenode, Programme Officer of the NSS Unit of SSIT, executed the program with NSS volunteers. The Principal and staff of the school appreciated the efforts and congratulated the Management and staff of the college.		

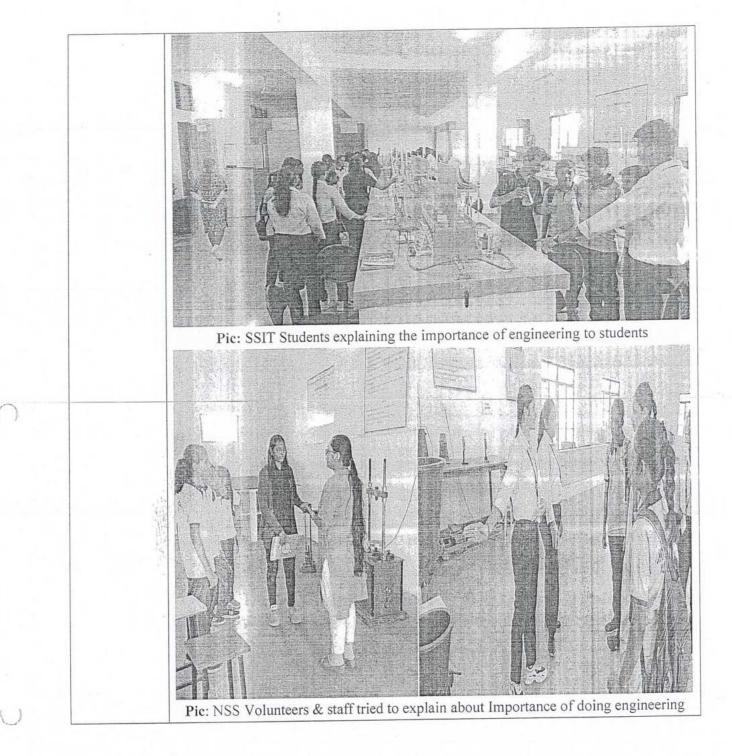
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Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

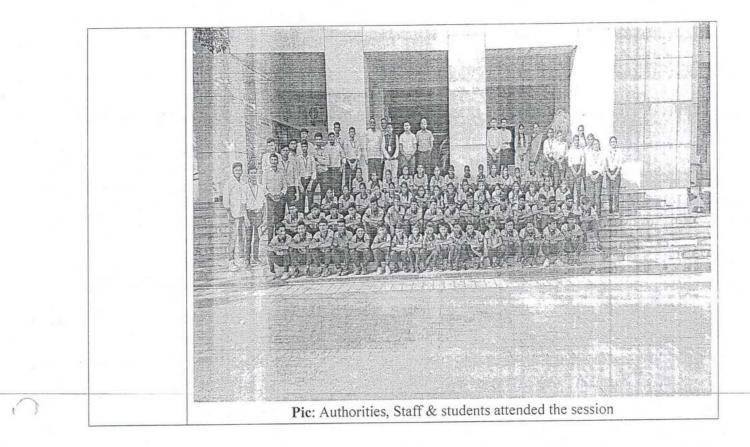
Principal

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Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

Princip Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501



Programme Officer Programme Officer National Service Scheme (NSSI Swaminarayan Siddhanta Institute of Technology

Princip Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

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Activity Name: "EMPOWERING THROUGH ENGINEERING"

Activity Date: 14/10/2023

### Participants Details

School Name: Shri Sant Nagaji Maharaj Madhyamik Vidyalaya Dorli (Bhingare), Nagpur

Sr. No.	Name of Students	Class	Sign
1	VAISHNAVI P. PAWAR	gth	Vaishnavi-P. Pawar.
2	KANCHAN K. PARTETI	gth	Kanchan K. Pryteti
3	YOGITA S. NIBUDE	9th	rogita S. Nibude
4	NIKITA S. NIBUDE	gth	NIKITAS. Nibude
5	TEJSWINI R, ANTURKA	gh	TEjawwiniRR ANTURKA
6	GAMESH S. KUMBHAR	gth	Gallest 5. Kubhare
7	OM K. HAJARE	gth .	OM K, Hasare
8	DHIRAJ. S. SONWANE.	gth ?	DHIRAT .S. Sonwane
9	MANTHAN. B. BISBUPE	gth	Maathan B. Nibubhe
10	SHUBHAM A- NIKAM	gth	93977 H
11	VISHWAS V. PARTETI	gth	Vishwasv, Parteti
12	Vaishali B. Buade	Joth	Vaishali Buade
13	Damini Shapuan Khaushi	Ha	Damini Khaushi
14	KushmA.V. mandlekaz	· 14	rushma mandlekar
15	Graupi Manik Ade	Yoth	Giaupi n. Ade

Principal Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501.

16	Sneha Kroushna Paroteti	toth	Sneha k. Parteti
17	Diksha Su. Ambudane	yoth	Diksha Ambudan
18	Tonushiaj N. Sonwane	10th	Tanushiai Sanwani
19	Khushboo R. Chikane	toth	Chikane
20	Gayrav. C. longadore	10th	S
21	AzyAz P. Bazoe	loth	nb
22	Nitin: M. Danav	loth	N. M. Danav
23	Schi K. Jiva	rolotn	SOTIR
24	Granesh A. Rathod	goth	Cranesh
25	Krish V Malgam	10 th	Krish
26	Rishi H. Barange	10 th	Rishi
27	Faydip K. Hojare	to th	Joydip
28	Ritik. H. Rayt	10 +0	Rithte
29	Amar K. Ambadare	10th	A.K. Ambalie
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Principal Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501 Program Coordinator National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology, Nagpur

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Date: 14/10/2023

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Activity: "Empowering Through Engineering Drive"

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Name of Student	Sign
1) Inyaneshwaro G. Surove	Juselle
2) Sanchit S. Ingle	88. Jode
3] Anamilia . P. Chakole	Anominia,
4) Disha Baghele	A
5) Disha Ghormade	Thomse
JYash D. vaidya	Vaiso
7) Digvijay D Warve	42
8] Bhumika Bhoycer	Ress
9 wibodh chahande	Ochahande
10) Dohit. 3. Retanuer	Phito
S Lishant mugle	Led
2). Palvan Patil	-fait-
2) sahil Righarathe	Jahil.
14) Anjali () Thul	ATR
15) Artha. Thul	Ally
16) Alarsh Prajapani	Aunti
17) Rohan N. Mane	Kaben
18) Tushor M. Mandeshwor	( adaug
19 Mayur Y Sewatkar	meerce har.
20) Visury Date	dent -

Principal Swaminarayan Siddhanta Institute of Technology, Kaimeshwar, Dist, Nagpur-441501 Profigration Officer Mational Service Scheme (NSS) Swaminarsyan Siddhanta Institute of Technology

#### 73



Ref. No. SSIT/NSS/2023-24/02

Date: 07/08/2023

#### NOTICE

All the students, teaching and non-teaching staff are informed that, the National Service Scheme (NSS) unit in collaboration with IQAC & the Green SSIT Unit of our college organizing "Rural Renewal: Village Cleanup"- A Cleanliness Drive on 12/08/2023 at 2 p.m. sharp at Khapri Village, Khapri Kothe, Kalmeshwar. Students are expected to participate in this event.

Programme Officer.

Programme Officer National Service Scheme (MPS) Swaminarayan Siddhanta Institute of Technology

Copy To:

- 1. Principal
- 2. IQAC Coordinator
- 3. Dean Academics
- 4. HOD's (Civil/MERTC/CETP/FY/MBA)
- 5. Circulation among Students
- 6. Notice Board
- 7. Concern Person

Principal Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

# गट ग्राम पंचायत खापरी उबगी

# पंचायत समिती कळमेश्वर जि.नागपूर

सौ.मधुमती देविदास तागडे सरपंच श्री.सचिन ज्ञानेश्वर आत्राम उपसरपंच कु.हर्षा विनायक चरपे सचिव

दिनांक:-2/1122



प्रमाणपत्र

स्वामीनारायण सिद्धांत इन्स्टिट्यूट ऑफ टेंक्नॉलॉजी कळमेश्वर नागपूरच्या वतीने गट-ग्रामपंचायत खापरी उबगी येथे<sup>१२</sup> ऑगस्ट २०२३ रोजी "ग्रामीण नूतनीकरण: ग्राम स्वच्छता" - एक स्वच्छता

मोहीम

स्वच्छता प्रोत्साहन देण्यासाठी एक जनजागृती मोहीम आयोजन करण्यात आली होती. या उपक्रमामुळे समाजात सकारात्मक संदेश जात असल्याने गट-ग्रामपंचायत खापरी उबगी महाविद्यालयाचा सन्मान

करत प्रमाणपत्र देत आहे.

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आव भवावत जापरा (जन्म) ग्राम पंचायत जापरा (जन्म) र.स. कळपेस्थर जि. नागवर २६ (२/२०२३

Princi Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

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# SSIT

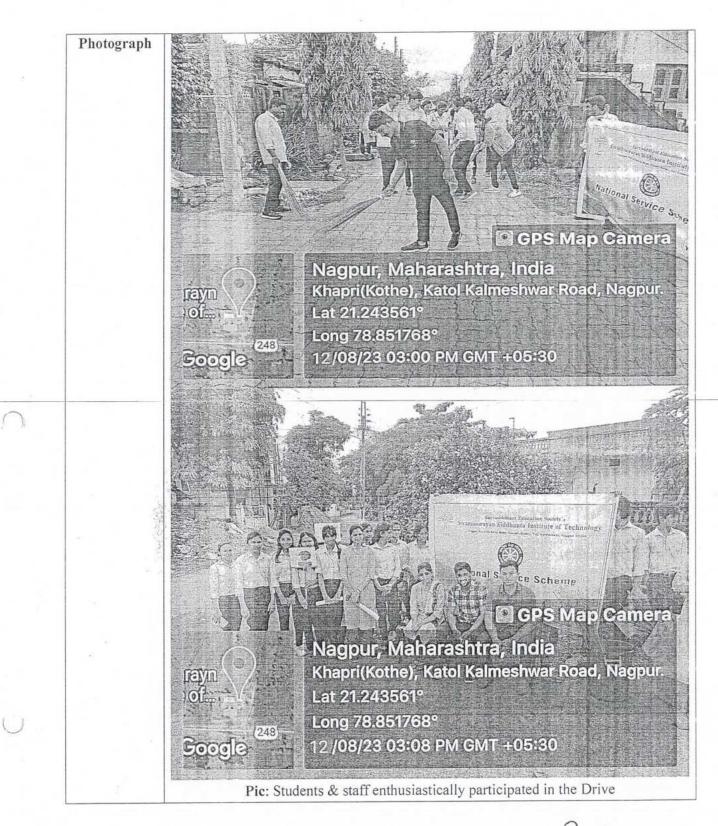
#### A report On

# "Rural Renewal: Village Cleanup"- A Cleanliness Drive

Title	"Rural Renewal: Village Cleanup"- A Cleanliness Drive
Date & Timing	12-08-2023 & 2.00 p.m 04.30 p.m.
Organising Committee	National Service Scheme (NSS) & Green SSIT Unit
Venue	Khapri Village, Khapri Kothe, Kalmeshwar
No. of Participants	56
Objective	The main objectives of this drive initiative were to promote interaction with the villagers and utilize the NSS platform to raise awareness about various social environmental, and hygiene issues related to cleanliness.
Summary	The NSS Unit of SSIT in collaboration with IQAC & the Green SSIT Unit initiated "Rural Renewal: Village Cleanup"- A Cleanliness Drive activity by visiting Khapi Village. In this drive, NSS Volunteers tried to clean the roads of villages, schools & local Panchayat office premises. Students also had done a Cleanness awareness campaign for locals to create awareness about different environmental aspects and improving air quality, climate amelioration, conserving water, preserving soil etc. Mi Nakul Shenode, Programme Officer, NSS Unit of SSIT executed the programme wit NSS volunteers. Locals appreciate the efforts and congratulated the Management an staff of the college.
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Principal Swaminarayan Siddhanta Institute of Technology, Kaimeshwar, Dist. Nagpur-441501

Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology



Rogramme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

Princi Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

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Date: 12/08/2023

<u>Activity:</u> "Rural Renewal: Village Cleanup"- A Cleanliness Drive <u>Participant's</u>

X

Name of Student	Sign
Digvisar Dilip wonve	D. D. Warve
Bhumika Anil Bhoydy	to ?
Aryan Mankan	Algense
Dhanshui Bawane	2-3
Mayun Seewaakden	mseevetkas
Vijny Det e	Aute
Tanuja Sonwane	Fanija
Dnyaneshwars GI. Surve	Jusue
Sanchit S. Ingle	J.S. Ingle
Anamiko .p. chakole	Anamiky,
Disha Baghell	al.
Yash D. Vaidya	apigor
Tushar M. Mandesbauar	Eplarel shover_
Lishant S. Myngle	Strunge
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Sqhil - I' Righanathe	Salhiel.
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of Technology, Kaimeshwar, Dist. Nagpur781501 Progratime Officer National Service Scheme (NSS) Sweminarcyan Siddhanta Institute of Technology

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Programme Officer National Service Scheme (NSS Swaminarayan Siddhanta Institute of Technology

Principal Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501



Ref. No. SSIT/NSS/2023-24/01

Date: 01/08/2023

#### NOTICE

All the students, teaching and non-teaching staff are informed that the National Service Scheme (NSS) unit is organizing a "Drive For Safety"-Road Safety Rally program to celebrate 'National Traffic Awareness Month' on 04/08/2023 at Ubagi Village, Khapri Kothe, Kalmeshwar by 2 p.m. Students are encouraged to participate in the event.

Programme Officer,

Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

Copy To:

- 1. Principal
- 2. IQAC Coordinator
- 3. Dean Academics Marting
- 4. HOD's (CIVIT/ME ETC/CEATP/FY/MBA)
- 5. Circulation among Students
- 6. Notice Board
- 7. Concerned Persons

Principal Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

# गट ग्राम पंचायत खापरी उबगी

# पंचायत समिती कळमेश्वर जि.नागपूर

श्री.सचिन ज्ञानेश्वर आत्राम उपसरपंच

कु.हर्षा विनायक चरपे सचिव

दिनांक:-26/14

सरपंच जा.क. ..b.d......



सौ.मधुमती देविदास तागडे

#### प्रमाणपत्र

स्वामीनारायण सिद्धांत इन्स्टिट्यूट ऑफ टेक्नॉलॉजी कळमेश्वर नागपूरच्या वतीने गट-ग्रामपंचायत खापरी उबगी येथे ४ ऑगस्ट २०२३ रोजी "सुरक्षेसाठी ड्राइव्ह" - राष्ट्रीय वाहतूक जागरूकता महिना साजरा करण्यासाठी रस्ता सुरक्षा रॅली आयोजन करण्यात आली होती. या उपक्रमामुळे समाजात सकारात्मक•संदेश जात असल्याने गट-ग्रामपंचायत खापरी उबगी महाविद्यालयाचा सन्मान करत

प्रमाणपत्र देत आहे.

वाय वेश्वायत দ্বাৰ পৰাৰন, জায়বী ঢাকা र्ष. झ. कळपेड्यर जि. नागाः 2611212023

Princi Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501



SSIT

# A report

# On

# "Drive For Safety"-Road Safety Rally

Title	"DRIVE FOR SAFETY"-Road Safety Rally		
Date & 04-08-2023 & 02.30 p.m 04.30 p.m. Timing			
Organising Committee	NSS Unit in Collaboration with IQAC		
Venue	Ubagi Village, Khapri Kothe, Kalameshwar		
No. of Participants	56		
Objective       The main objectives of this drive initiative are:         • To promote and initiate road safety measures in the community         • To create awareness about road safety measures to reduce the number accidents and injury cases etc.         • To encourage all travellers to follow the traffic rules and wear helmer belts while driving         • To make people aware of the speed limit of vehicles to prevent road         • To reduce noise pollution and air pollution to a minimal level Discip movement of traffic on the road			
Summary	NSS Unit of SSIT in collaboration with IQAC initiated "Drive For Safety"-Road Safety Rally with the axiom to create awareness among the people about the importance of following measures of road safety. Another objective of this event was to inculcate road safety measures and traffic rules among the students of our institute. NSS volunteers participated in the event by holding hording of awareness message in hand. Volunteer girls have shown short play to literate and aware people of the village at the time of the rally passing from the village side. Mr. Nakul Shenode, Programme Officer, NSS Unit SSIT executed the rally with NSS volunteers. Locals appreciate the efforts and congratulate the staff of the college.		

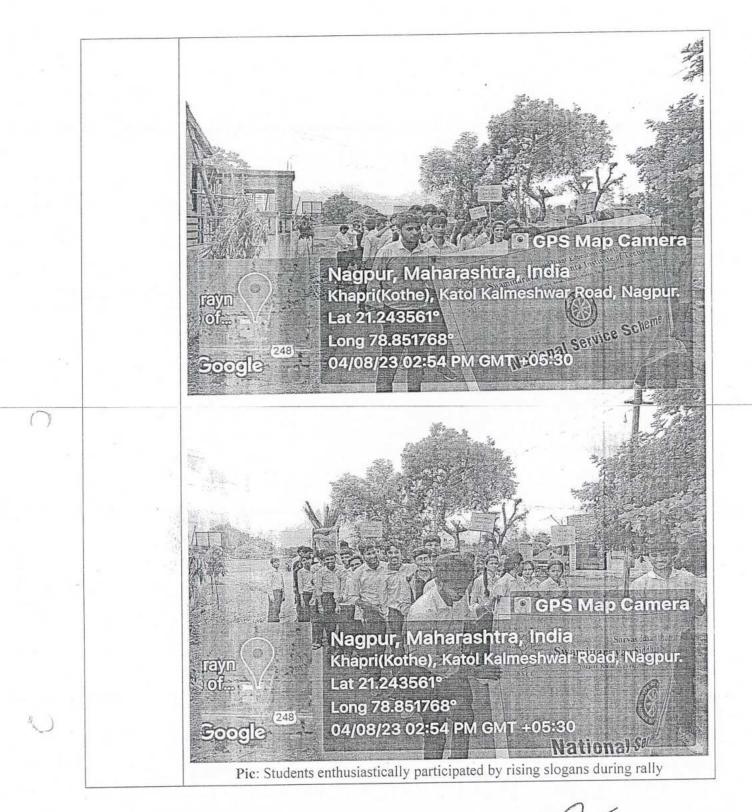
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Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

Principal Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501



Programme Officer Programme Officer National Service Scheme (NSS) Swaminarayan Siddhanta Institute of Technology

Princ Swaminarayan Siddhanta Institute of Technology, Kaimeshwar, Dist. Naypur-441501

SSIT

Date: 04/08/2023

Activity: "Drive for Safety"-Road Safety Rally

Participant's

Name of Student	Sign
Sumit. B. Khedekar	Bunedows
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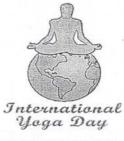
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Sarvasiddhanta Education Society's Swaminarayan Siddhanta Institute of Technology, Nagpur. Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharashtra-441501 National Service Scheme (NSS)



Ref. No.: SSIT/NSS/2023-24/01-A

Date: 12/06/2023



#### NOTICE FOR INTERNATIONAL YOGA DAY CELEBRATION

All the Staff & students are hereby informed that the NSS Unit in collaboration with "Abhaya"-Women Development Cell & IQAC has organised a yoga session on **June 21, 2023**, on the occasion of **International Yoga Day**. We encourage everyone to participate in this event and discover the transformative power of yoga.

#### **Event Details:**

Date: June 21, 2023

Time: 10:30 AM onward

Venue: Seminar Hall, SSIT Campus.

Please come dressed in comfortable attire suitable for yoga practice and you can bring your yoga mats or towels.

We recommend arriving a few minutes early to secure your spot. We look forward to your enthusiastic participation in this event.

crote National Service Scheme (NSS)

Swaminarayan Siddhanta Institute of Technology

Copy to:

- 1. Principal
- 2. IQAC Coordinator
- 3. Dean Academics ARA ....
- 4. HOD (FY/Civil/CE/ETC/ME/MBA)
- 5. Training & Placement Cell
- 6. Circulation among Staff & Students
- 7. All Notice Board



Sarvasiddhanta Education Society's Swaminarayan Siddhanta Institute of Technology, Nagpur. Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharashtra-441501 National Service Scheme (NSS)



Ref. No- SSIT/NSS/2023-24/01-B

Date: 13/06/2023

To, The Principal, Shriram Vidyalaya & Junior College, Sonargaon. Ta. Kalmeshwar, Nagpur.

Dear Madam,

It is our pleasure to inform you that the NSS Unit, in collaboration with "Abhaya"- the Women Development Cell, & IQAC of Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Nagpur is organizing a special yoga session on June 21, 2023, on the occasion of **International Yoga Day** for the students of your college at <u>10:30 AM onwards</u>.

We are conducting the following events:

<u>Sr. No</u>	Name of Event	Time	Venue
1.	Yoga Session	10.30 AM	Seminar Hall, SSIT

In this regard, we are requested to allow your college students to participate in the abovementioned event. The students will be picked up at 09.30 AM and left at school at 04.30 PM.

We are thanking you.

Grenot Programme Officer eme (NSS) National Ser Swaminarayan Siddhanta Institute of Technology

Principal Swaminarayan Siddhanta Institute, of Technology, Kalmeshwar. Dist-Nagpur-441501.

Swaminarayan Siddhanta Institute of Technology, Kaimeshwar, Dist. Nagpur-441501



श्री साई बहुउदेशिय शिक्षण संस्था नागपूर दवारा संचालीत श्रीराम विद्यालय व कनिष्ठ महाविद्यालय सोनेगाव कळमेश्वर जि नागपूर

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# -: प्रमाणपत्र :-

स्वामीनारायण सिध्दांन्त इन्स्टीटयूट ऑफ टेक्नॉलाजी कळमेश्वर नागपूरच्या वतीने दिनांक २१ जून २०२३ रोजी <u>Yoga FOR Vasudhaiva Kutumbakam a special yoga</u> <u>session</u> या शिबीराचे आयोजन करण्यात आले होते या उपकमामूळे समाजात सकारात्मक संदेश जातो .तेव्हा आमच्या श्रीराम विद्यालय व कनिष्ठ महविद्यालय सोनेगाव येथील विद्यार्थ्यानी .सदर उपकमात सकीय सहभाग घेतला . करीता आमच्या शाळेच्या वतीने स्वामीनारायण सिध्दांन्त इन्स्टीटयूट ऑफ टेक्नॉलाजी कळमेश्वर यांचा गौरव करण्यात आला व प्रमाणपत्र देण्यात येते आहे .

Shree Ram Jr. College Sonegaon, Tah. Kalmeshwar, Dist. Nagpur,

Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Dist. Nagpur-441501

National Service Scheme (NSS)

Swaminarayan Siddhanta Institute of Technology, Nagpur. Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharashtra-441501



# A report

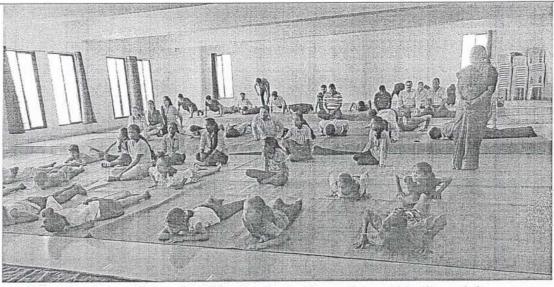
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# "Yoga for Vasudhaiva Kutumbakam"- a special yoga session

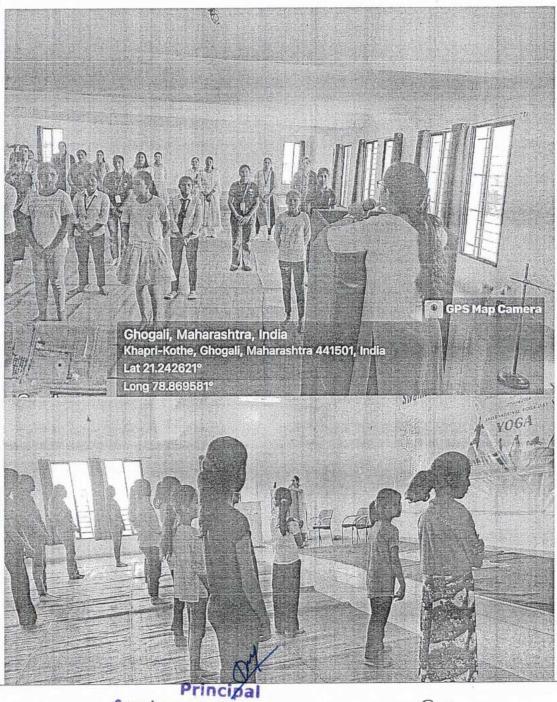
To promote physical health and mental well-being on "International YOGA Day"

	"Yoga for Vasudhaiva Kutumbakam"- a special yoga session
Date & Timing	21 <sup>st</sup> June 2023 at 10.30 am onwards
Organising Committee	National Service Scheme (NSS) in collaboration with "Abhaya"- the Women Development Cell, & IQAC
Venue	Seminar Hall, SSIT College Campus
No. of Participants	48
Objective	<ul> <li>To introduce students to the physical and emotional benefits of yoga to enhance overall well-being.</li> <li>To equip students with tools for managing academic pressures and fostering mental resilience.</li> </ul>
Summary	The NSS Unit, in partnership with "Abhaya"- the Women Development Cell, and the IQAC of Swaminarayan Siddhanta Institute of Technology, Kalmeshwar, Nagpur conducted a special yoga session on June 21, 2023, in celebration of International Yoga Day. This time the theme was "Yoga for Vasudhaiva Kutumbakam". Al- teaching and non-teaching personnel as well as our students took part. Students and faculty from Shriram Mahavidyalaya & Junior College in Sonegaon were also invited to a yoga session. The event saw active participation from both teaching and non-teaching staff, as well as students from our institute. Additionally, students and faculty members from Shriram Mahavidyalaya & Junior College, Sonegaon, were invited to be a part of this enriching yoga session, further fostering inter-institutional collaboration and promoting holistic well-being. The session was a great success, fostering unity and reinforcing the value of yoga as a tool for personal and communal growth. The NSS Unit, along with the organizing

V A FUNCTION MILES National Contract (MAR) Photograph

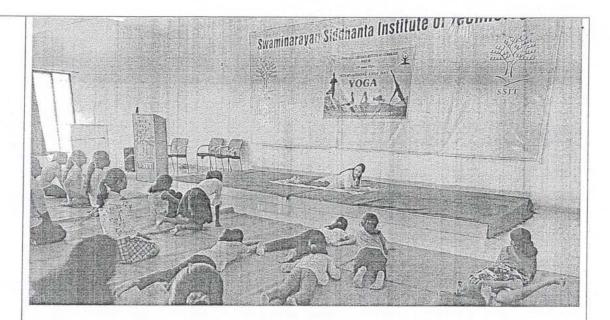


Pic: The students & staff enthusiastically participated in the activity



Swaminarayan Siddhanta Institute of Technology, Kaimeshwar, Dist. Waypig341501

Programme Officer Notional Service Schooms (NSS) Seminarics School machined Relinology



Pic: A Special Yoga session was organized for the Women staff and students

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"ABHAYA"- Women Development Cell

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Principal Swaminarayan Siddhanta Institute of Technology, Kaimeshwar, Dist. Nagpur-441501

Sarvasiddhanta Education Society's	
Swaminarayan Siddhanta Institute of Technology, Na	igpur
Nagpur-Katol Highway Road, Khapri (Kothe),	
Tal: Kalmeshwar, Nagpur, Maharashtra-441501	
National Service Scheme (NSS)	





SSIT

# Yoga Event Feedback Form

Thank you for participating in our Yoga Event on 21st June 2023, We value your feedback to help us improve future events. Please take a few minutes to complete this form.

# Participant's Information:

- Kowathe \* Name: Nehd
- \* Other (please specify): \*Staff v \* Role: \*Student
- Event Evaluation: 1. Poor 2. Satisfactory 3. Good 4. Very Good 5. Excellent

Sr.	Questions	1	2	3	4	5
No.	1 11					V
1.	How would you rate the overall event.					-
2.	How satisfied are you with the aspects of the event	-				
3.	How would you rate the instructor(s)				V	0
4.	How has the women empowerment-themed yoga					V
4	impacted your personal growth					
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Sarvasiddhanta Education Society's Swaminarayan Siddhanta Institute of Technology, Nagpur. Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharashtra-441501 National Service Scheme (NSS)

# Yoga Event Feedback Form

Thank you for participating in our Yoga Event on 21st June 2023, We value your feedback to help us improve future events. Please take a few minutes to complete this form. Participant's Information:

# \* Name: Adish Musale

\* Role: \*Student · \* Other (please specify): Non - tcall

\* Event Evaluation: 1. Poor 2. Satisfactory 3. Good 4. Very Good 5. Excellent

\*Staff

Sr. No.	Questions	1	2	3	4	5
1.	How would you rate the overall event.					1/
2.	How satisfied are you with the aspects of the event					Ň
3.	How would you rate the instructor(s)					V
	impacted your personal growth	N				V
5.	How likely are you to attend another yoga even pring the future? Swaminarayan Sid	idhanta I	nstitute war,	-		V

.\*. Any engagetions.

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Sarvasiddhanta Education Society's	
Swaminarayan Siddhanta Institute of Technology, Nag	pur.
Nagpur-Katol Highway Road, Khapri (Kothe).	
Tal: Kalmeshwar, Nagpur, Maharashtra-441501	
National Service Scheme (NSS)	





### Yoga Event Feedback Form

Thank you for participating in our Yoga Event on **21<sup>st</sup> June 2023**, We value your feedback to help us improve future events. Please take a few minutes to complete this form.

#### Participant's Information:

- \* Name: Weishnaus Sculode
- \* Role: \*Student 🧹

\* Other (please specify):

Other (prease specify)

Event Evaluation: 1. Poor 2. Satisfactory 3. Good 4. Very Good 5. Excellent

\*Staff

Sr. No.	Questions	1	2	3	• 4	5
1.	How would you rate the overall event.					1.1
2.	How satisfied are you with the aspects of the event					
3.	How would you rate the instructor(s)					V
4.	How has the women empowerment-themed yoga impacted your personal growth				4	V
5.	How likely are you to attend another yoga event in the future?					

# \* Any suggestions: Overall very nice

Sarvasiddhanta Education Society's Swaminarayan Siddhanta Institute of Technology, Nagpur. Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharashtra-441501 National Service Scheme (NSS)



# Yoga Event Feedback Form

Thank you for participating in our Yoga Event on 21<sup>st</sup> June 2023, We value your feedback to help us improve future events. Please take a few minutes to complete this form.

### Participant's Information:

\* Name: Vibodu Chahanda

\* Other (please specify): \_\_\_\_

\* Event Evaluation: 1. Poor 2. Satisfactory 3. Good 4. Very Good 5. Excellent

Sr. No.	Questions 1	2	3	4	5
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4.	How has the women empowerment-themed yoga impacted your personal growth	Inctituto		~	
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Sarvasiddhanta Education Society's Swaminarayan Siddhanta Institute of Technology, Nagpur. Nagpur-Katol Highway Road, Khapri (Kothe), Tal: Kalmeshwar, Nagpur, Maharashtra-441501 National Service Scheme (NSS) Session 2023-24

Date: 21/06/2023

#### <u>Activity:</u> International Yoga Day <u>College Name:</u> Shri Ram Vidyalaya & Junior College <u>Participant's</u>

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> of Technology, Kalmeshwar, Dist. Nagpur-441501

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