



SITAM

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Gajularega, Vizianagaram, Andhra Pradesh, India-535002.

Accredited by "NAAC", Approved by AICTE and Affiliated to JNTU, Gurajada, Vizianagaram

Email: sitam@sitam.co.in, Website: www.sitam.co.in

Telephone No:9676788811, 8978812341/2, Land Line: 08922-234775



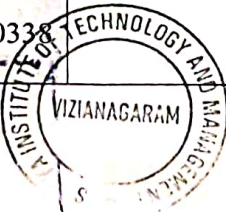
## Department of Mechanical Engineering

### List of Slow Learners

### Second Year

#### Semester - 1

S.No	Subject	Full Hall Ticket Numbers of Students who failed in the subject				
1	Mathematics-III	21B61A0301	21B61A0302	21B61A0304	21B61A0305	21B61A0307
		21B61A0308	21B61A0311	22B65A0302	22B65A0303	22B65A0304
		22B65A0306	22B65A0307	22B65A0310	22B65A0312	22B65A0313
		22B65A0314	22B65A0315	22B65A0316	22B65A0318	22B65A0319
		22B65A0320	22B65A0325	22B65A0326	22B65A0328	22B65A0330
		22B65A0331	22B65A0333	22B65A0335	22B65A0337	22B65A0338
		22B65A0341	22B65A0342	22B65A0344	22B65A0345	
2	Community Services Project					
3	Mechanics of Solids	21B61A0301	21B61A0302	21B61A0304	21B61A0305	21B61A0307
		21B61A0308	21B61A0311	22B65A0302	22B65A0304	22B65A0310
		22B65A0315	22B65A0318	22B65A0319	22B65A0320	22B65A0328
		22B65A0333	22B65A0338	22B65A0341	22B65A0345	
4	Fluid Mechanics & Hydraulic Machines	21B61A0301	21B61A0302	21B61A0304	21B61A0305	21B61A0307
		21B61A0308	21B61A0311	22B65A0302	22B65A0304	22B65A0306
		22B65A0315	22B65A0319	22B65A0328	22B65A0338	22B65A0344
5	Production Technology	21B61A0301	21B61A0302	21B61A0304	21B61A0305	21B61A0308
		21B61A0311	22B65A0302	22B65A0304	22B65A0306	22B65A0315
		22B65A0319	22B65A0331	22B65A0338	22B65A0341	
6	Kinematics of Machinery	21B61A0301	21B61A0302	21B61A0304	21B61A0305	21B61A0308
		21B61A0311	22B65A0302	22B65A0304	22B65A0306	22B65A0312
		22B65A0313	22B65A0315	22B65A0319	22B65A0329	22B65A0332
		22B65A0333	22B65A0338	22B65A0341	22B65A0345	
7	Computer Aided Engineering Drawing Practice	22B65A0338				
8	Fluid Mechanics & Hydraulic Machines Lab	22B65A0338				



Dr.D.V.Ramamurthy  
Principal  
Satya Institute of Technology and  
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Gajularega, Vizianagaram

9	Production Technology Lab	22B65A0338				
10	Drafting And Modeling Lab	22B65A0338				
11	Essence Of Indian Traditional Knowledge					

*(Signature)*

SPOC, IQAC  
SITAM, GAJULAREGA  
VIZIANAGARAM, A.P. INDIA



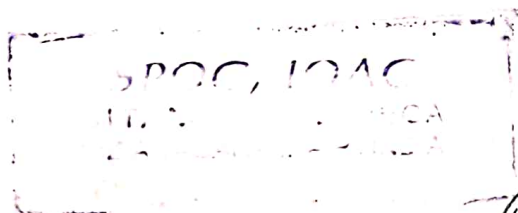
*(Signature)*  
Dr.D.V.Rama Murthy  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram

## Second Year

### Semester - 2

S.No	Subject	Full Hall Ticket Numbers of Students who failed in the subject				
1	Mathematics-IV	21B61A0301	21B61A0304	21B61A0308	21B61A0311	22B65A0303
		22B65A0304	22B65A0315	22B65A0331	22B65A0332	22B65A0338
		22B65A0344				
2	Material Science & Metallurgy	21B61A0301	21B61A0308	21B61A0311	22B65A0313	22B65A0315
		22B65A0319	22B65A0320	22B65A0331	22B65A0338	22B65A0344
3	Dynamics of Machinery	21B61A0301	21B61A0302	22B65A0301	21B61A0305	21B61A0308
		21B61A0311	22B65A0303	22B65A0304	22B65A0306	22B65A0315
		22B65A0338				
4	Thermal Engineering I	21B61A0301	21B61A0302	21B61A0304	21B61A0305	21B61A0308
		21B61A0309	21B61A0311	22B65A0301	22B65A0302	22B65A0303
		22B65A0304	22B65A0306	22B65A0310	22B65A0312	22B65A0313
		22B65A0315	22B65A0319	22B65A0320	22B65A0328	22B65A0329
		22B65A0330	22B65A0331	22B65A0332	22B65A0333	22B65A0338
		22B65A0341	22B65A0342	22B65A0344	22B65A0345	
5	Industrial Engineering & Management	21B61A0311	22B65A0331	22B65A0332	22B65A0338	22B65A0344
		22B65A0345				
6	Machine Drawing Lab	22B65A0338				
7	Theory of Machines Lab	22B65A0332	22B65A0338			
8	Python Programming Lab	22B65A0332	22B65A0338			
9	Mechanics of Solids & Metallurgy Lab	22B65A0332	22B65A0338			

*(Signature)*



*(Signature)*  
**Dr.D.V.Rama Murthy**  
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 Satya Institute of Technology and  
 Management (SITAM)  
 Gajularega, Vizianagaram



## Third Year

### Semester - 1

S.No	Subject	Full Hall Ticket Numbers of Students who failed in the subject				
1	Thermal Engineering-II	20B61A0301	20B61A0302	20B61A0305	20B61A0308	20B61A0315
		20B61A0317	20B61A0318	20B61A0319	21B65A0319	21B65A0323
		21B65A0328	21B65A0334	21B65A0337	21B65A0339	
2	Design Of Machine Members-I	20B61A0302	20B61A0303	20B61A0305	20B61A0307	20B61A0308
		20B61A0312	20B61A0314	20B61A0316	20B61A0318	20B61A0319
		20B61A0320	21B65A0302	21B65A0304	21B65A0309	21B65A0316
		21B65A0320	21B65A0323	21B65A0324	21B65A0326	21B65A0328
		21B65A0332	21B65A0334	21B65A0336	21B65A0337	21B65A0338
		21B65A0340				
3	Machining, Machine Tools & Metrology	20B61A0305	20B61A0308	20B61A0314	20B61A0316	20B61A0317
		20B61A0318	20B61A0319	21B65A0312	21B65A0326	21B65A0337
		21B65A0339				
4	Machine Tools Lab					
5	Thermal Engineering Lab					
6	Advanced Communication Skills Lab					
7	Professional Ethics And Human Values					
8	Summer Internship					
9	Advanced Materials	20B61A0305	20B61A0308	20B61A0315	20B61A0319	21B65A0313
		21B65A0337				
10	Operations Research	20B61A0301	20B61A0302	20B61A0308	20B61A0314	20B61A0315
		20B61A0319	21B65A0309	21B65A0310	21B65A0323	21B65A0326
		21B65A0337	21B65A0339	21B65A0340		
11	Community Service Project					

*(Signature)*



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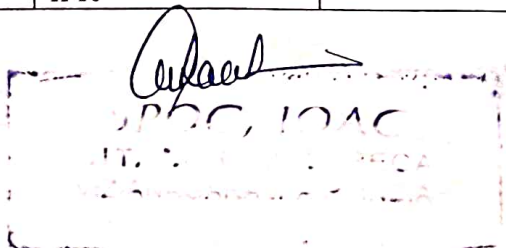
SITAM GAJULARA  
 VIZIANAGARAM



## Third Year

### Semester - 2

S.No	Subject	Full Hall Ticket Numbers of Students who failed in the subject				
1	Heat Transfer	20B61A0302	20B61A0305	20B61A0306	20B61A0308	20B61A0313
		20B61A0314	20B61A0318	20B61A0319	20B61A0320	21B65A0302
		21B65A0308	21B65A0313	21B65A0314	21B65A0316	21B65A0320
		21B65A0323	21B65A0324	21B65A0325	21B65A0326	21B65A0334
		21B65A0336	21B65A0337	21B65A0338	21B65A0339	21B65A0340
2	Design Of Machine Members- II	20B61A0305	20B61A0307	20B61A0308	20B61A0309	20B61A0312
		20B61A0314	20B61A0316	20B61A0318	20B61A0319	20B61A0320
		21B65A0303	21B65A0304	21B65A0308	21B65A0309	21B65A0323
		21B65A0325	21B65A0328	21B65A0332	21B65A0334	21B65A0337
		21B65A0339	21B65A0340			
3	Introduction To Artificial Intelligence And Machine Learning	20B61A0305	20B61A0307	20B61A0308	20B61A0309	20B61A0312
		20B61A0314	20B61A0315	20B61A0316	20B61A0318	20B61A0319
		20B61A0320	21B65A0303	21B65A0304	21B65A0307	21B65A0312
		21B65A0313	21B65A0319	21B65A0320	21B65A0321	21B65A0323
		21B65A0324	21B65A0325	21B65A0326	21B65A0328	21B65A0329
		21B65A0331	21B65A0332	21B65A0334	21B65A0336	21B65A0337
		21B65A0338				
4	Automobile Engineering	20B61A0305	20B61A0308	20B61A0315	20B61A0316	20B61A0318
		21B65A0312	21B65A0320	21B65A0323	21B65A0331	21B65A0337
		21B65A0338	21B65A0339			
5	Essentials of Mechanical Engineering	20B61A0305	20B61A0316			
6	Heat Transfer Lab					
7	Cae&Cam Lab					
8	Measurements & Metrology Lab					
9	Artificial Intelligence And Machine Learning Lab					
10	Research Methodology And IPR					



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## Final Year

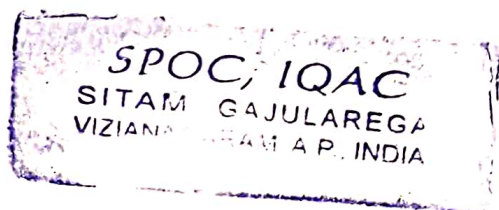
### Semester - 1

S.No	Subject	Full Hall Ticket Numbers of Students who failed in the subject				
1	Environmental Pollution & Control					
2	Industrial Management	19B61A0308	19B61A0312	20B65A0302	20B65A0328	20B65A0332
3	Finite Element Methods	19B61A0301 20B65A0321	19B61A0304 20B65A0330	19B61A0308	20B65A0313	20B65A0317
4	Finite Element Simulation Lab					
5	Project-I					
6	Production Planning & Control	19B61A0308	19B61A0312	20B65A0309		
7	Power Plant Engineering					

*(Signature)*



*(Signature)*  
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2-2-1



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Telephone No: 967678811, 8978812341/2, Land Line: 08922-234775



## SLOW LEARNERS - TIME TABLE

### II B.Tech I Semester - Academic Year: 2022-23

	9:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M	04:00P.M-05:00P.M	
MON					LUNCH					M-II
TUE										EC
WED										EM
THU										BEEE
FRI										TD
SAT										
S No	SUBJECT NAME				FACULTY NAME					
1	MATHEMATICS - II				DR.G.SRICHANDANA					
2	ENGINEERING CHEMISTRY				Mrs. J.S SAILAJA					
3	ENGINEERING MECHANICS				Mrs. CH.VENKATA LAKSHMI					
4	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING				Mr. T.VENKATESH					

*Signature*  
SITAM  
VIZIANAGARAM, INDIA



*Signature*

Management (SITAM)  
Gajularega, Vizianagaram





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### SLOW LEARNERS - TIME TABLE

#### II B.Tech II Semester - Academic Year: 2022-23

	9:20A.M- 10:10A.M	10:10A.M- 11:00A.M	11:00A.M- 11:50A.M	11:50A.M- 12:40P.M	12:40P.M- 01:30P.M	01:30P.M- 02:20P.M	02:20P.M- 03:10P.M	03:10P.M- 04:00P.M	04:00P.M- 05:00P.M
MON					LUNCH				MOS
TUE									M-III
WED									FHIM
THU									PT
FRI									KOM
SAT									

S No	SUBJECT NAME	FACULTY NAME
1	MECHANICS OF SOLIDS	Mr. M. JAYA PRAKASH
2	MATHEMATICS-III	Dr.G.SRICHANDANA
3	FLUID MECHANICS & HYDRAULIC MACHINES	Mr.D CHAITANYA
4	PRODUCTION TECHNOLOGY	Mr. S.PRASANTH
5	KINEMATICS OF MACHINERY	Dr.P. SHREENIVASA RAO

*Delivered*  
SPEC, 10AC  
SITAM, Gajularega  
Vizianagaram - 535002



*Dr.D.V.Rama Murthy*  
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Management (SITAM)  
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### SLOW LEARNERS - TIME TABLE

#### III B.Tech I Semester - Academic Year: 2022-23

	9:20A.M-10:10A.M	10:10A.M-11:00A.M	11:00A.M-11:50A.M	11:50A.M-12:40P.M	12:40P.M-01:30P.M	01:30P.M-02:20P.M	02:20P.M-03:10P.M	03:10P.M-04:00P.M	04:00P.M-05:00P.M
MON					LUNCH				CVSM
TUE									MSM
WED									DOM
THU									TE I
FRI									IM
SAT									
S No	SUBJECT NAME				FACULTY NAME				
1	COMPLEX VARIABLES & STATISTICAL METHODS				Dr.G.Sri Chandana				
2	MATERIAL SCIENCE & METALLURGY				Mr.Jagadish K E				
3	DYNAMICS OF MACHINERY				Mrs.Ch. Venkata Lakshmi				
4	THERMAL ENGINEERING I				Mr D Chaitanya				
5	INDUSTRIAL ENGINEERING & MANAGEMENT				Mr. N.Murali Krishna				

*Signature*  
10/10/2022



*Signature*  
Dr.D.V.Rama Murthy  
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### SLOW LEARNERS - TIME TABLE

#### III B.Tech II Semester - Academic Year: 2022-23

	9:20A.M- 10:10A.M	10:10A.M- 11:00A.M	11:00A.M- 11:50A.M	11:50A.M- 12:40P.M	12:40P.M- 01:30P.M	01:30P.M- 02:20P.M	02:20P.M- 03:10P.M	03:10P.M- 04:00P.M	04:00P.M- 05:00P.M
MON					LUNCH				TE II
TUE									DM I
WED									MM
THU									OR
FRI									RES
SAT									
S No	SUBJECT NAME				FACULTY NAME				
1	THERMAL ENGINEERING II				Mr. G Surya Chandra Swamy				
2	DESIGN OF MACHINE MEMBERS-I				Mr. S.Prasanth				
3	MECHANICAL MEASUREMENTS & METROLOGY				Mr. N.Murali Krishna				
4	OPERATION RESEARCH				Mr. K.E. Jagadish				
5	RENEWABLE ENERGY SOURCES				Mr. Ch.Tejaswi				

*Signature*



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### SLOW LEARNERS - TIME TABLE

#### IV B.Tech I Semester - Academic Year: 2022-23

	9:20A.M- 10:10A.M	10:10A.M- 11:00A.M	11:00A.M- 11:50A.M	11:50A.M- 12:40P.M	12:40P.M- 01:30P.M	01:30P.M- 02:20P.M	02:20P.M- 03:10P.M	03:10P.M- 04:00P.M	04:00P.M- 05:00P.M
MON					LUNCH				
TUE									
WED									
THU									
FRI									
SAT									
S No	SUBJECT NAME				FACULTY NAME				
1	OPERATION RESEARCH				Mr. K.E. Jagadish				
2	HEAT TRANSFER				Mr. CH.V. M. Prasad				
3	CAD/CAM				Mrs.Ch. Venkata Lakshmi				
4	UNCONVENTIONAL MACHINING PROCESS				Mr S Prasanth				
5	AUTOMOBILE ENGINEERING				Mr G Surya Chandra Swamy				

*Signature*



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#### IV B.Tech II Semester - Academic Year: 2022-23

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MON									IM
TUE									FEM
WED									PCC
THU									PPE
FRI									
SAT									

S No	SUBJECT NAME	FACULTY NAME
1	INDUSTRIAL MANAGEMENT	Mr.N. Murali Krishna
2	FINITE ELEMENT METHODS	Mr. K.E. Jagadish
3	PRODUCTION PLANNING & CONTROL	Mrs. Ch. Venkata Lakshmi
4	POWER PLANT ENGINEERING	Mr. D Chaitanya

*[Signature]*  
SPCC, 10AC



*[Signature]*  
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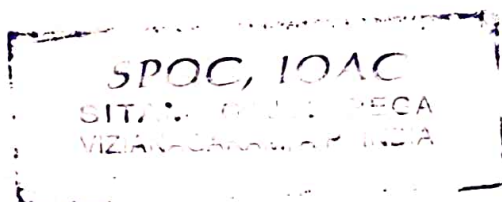
Telephone No: 9676788811, 8978812341/2

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING****II ECE LATERAL NAME LIST**

Batch: 2021-25

Academic Year: 2022-23

Sl No	Regd No.	Name of the Student
1	22B65A0401	ADHIKARILIKHITHASATYAKUMARI
2	22B65A0402	BNRAJESHKUMAR(SPOT)
3	22B65A0403	CHITTIPANTHULASRIKAR(SPOT)
4	22B65A0404	KOYYANABHARATHKUMAR(SPOT)
5	22B65A0405	MUDADLAAPARNA
6	22B65A0406	PALEPUJHANSI
7	22B65A0407	PYLAPARTHASARATHI
8	22B65A0408	PKRISHNASAI(SPOT)
9	22B65A0409	RAGHUMANDARAKESH
10	22B65A0410	REGUKAVYA
11	22B65A0411	REVADAYAMUNA
12	22B65A0412	SURAVARJULAVIYAYASIVA(SPOT)
13	22B65A0413	VANAPALLISAIDEPAK
14	22B65A0414	KARUBOTHUPRIYANKA(SPOT)

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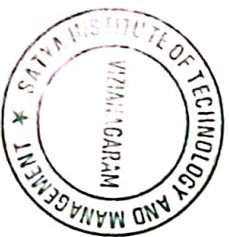
Telephone No: 9676788811, 8978812341/2, Land Line: 08922-234775



## LE STUDENTS TIME TABLE (Common to ECE,EEE)

## ACADEMIC YEAR: 2022-2023

	9:20A.M- 10:10A.M	10:10A.M- 11:00A.M	11:00A.M- 11:50A.M	11:50A.M- 12:40P.M	12:40P.M- 01:30P.M	01:30P.M- 02:20P.M	02:20P.M- 03:10P.M	03:10P.M- 04:00P.M	04:00P.M- 04:50P.M
MON					L				BE
TUE					U				MAT
WED					N				BEE
THU					C				MAT
FRI					H				C
SAT									MAT
SUBJECT CODE	SUBJECT NAME			FACULTY CODE	FACULTY NAME				
BE	BASICS OF ELECTRONICS			TDVA	Dr.T.D.V.A.NAIDU				
MAT	MATHEMATICS			KS	Dr.K.SREELATHA				
BEE	BASIC ELECTRICAL ENGINEERING			MS	Mrs.G.T.NAIDU				
C	C LANGUAGE			DBB	Mr.D.AVINASH BABU				



Dr.D.V.Rama Murthy  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram

2-2-1

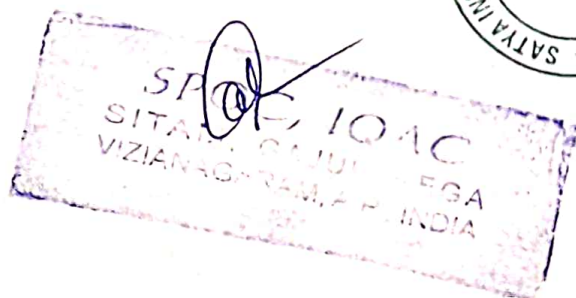


*Abhaul*  
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VIZIANAGARAM, A.P., INDIA



*Dr. D.V. Rama Murthy*  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram






*Dr. D.V. Rama Murthy*

Dr.D.V.Rama Murthy  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram  
2009/20



# DAY-4



## SITAM

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

### NSS SPECIAL CAMP

24<sup>th</sup> TO 30<sup>th</sup> APRIL 2023  
KONDAKARAKARAM  
VIZIANAGARAM

### NSS UNIT

CODE-90214208

### SCHEDULE FOR SPECIAL CAMP

Day-4  
**27-04-2023**

### Health & hygiene

SGVP

96767 88811, 9290 251491

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*Ata*  
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VIZIANAGARAM, A.P., INDIA

SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT  
VIZIANAGARAM

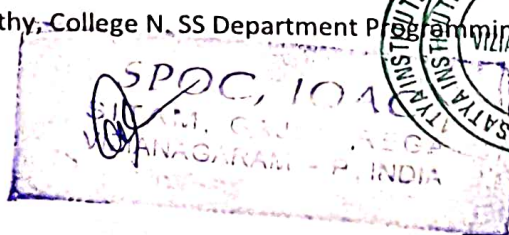
*Dr. D.V. Rama Murthy*  
Dr.D.V.Rama Murthy  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram

## #సీతం ఎన్.ఎస్.ఎస్.యూనిట్ ప్రత్యేక శిబిరం

స్థానిక గాజుల రేఖ పరిధిలో గల సీతం ఇంజనీరింగ్ కళాశాలకు చెందిన ఎన్.ఎస్.ఎస్. యూనిట్ కొండకరకం గ్రామంలో నాలుగు రోజులపాటు ప్రత్యేక శిబిరం ఏర్పాటు చేశారు. ఈ శిబిరాన్ని మరో మూడు రోజులపాటు నిర్వహిస్తారు. ఈ కార్యక్రమంలో భాగంగా మొదటి రోజు జిల్లా పరిషత్ హై స్కూల్ విద్యార్థులకు క్వీజ్ పోటీలు నిర్వహించారు. ఈ క్వీజ్ కార్యక్రమం జిల్లా పరిషత్తు స్కూల్ హెడ్మాస్టర్ సతేశ్వరరావు మరియు గ్రామ సర్పంచ్ రాంబాబు గారి ఆధ్వర్యంలో జరిగింది. దీనిలో గెలుపొందిన విద్యార్థులకు బహుమతులు అందజేయడం జరిగింది. రెండవ రోజు శిబిరంలో భాగంగా హైస్కూల్ పరిసర ప్రాంతాలను 50 మంది ఎన్.ఎస్.ఎస్. వాలంటీర్లు శుభ్రంచేయటం జరిగింది. మూడవరోజు జిల్లా పరిషత్ హై స్కూల్ ఆవరణలో ఉచితంగా దంత వైద్య పరీక్షలు ఘోషా ఆసుపత్రికి చెందిన డాక్టర్ పి.దివ్య దీప్తి ఆధ్వర్యంలో జరిగాయి. ఈ కార్యక్రమంలో గ్రామానికి చెందిన చాలా మంది పాల్గొని ఈ కార్యక్రమాన్ని విజయవంతం చేశారు. నాలుగో రోజు శిబిరంలో భాగంగా ఎన్.ఎస్.ఎస్. వాలంటీర్లు కొండకరకం గ్రామ ప్రజలకు ఆరోగ్యం మరియు పరిసరాల పరిశుభ్రత పై అవగాహన కల్పించారు. ఈ కార్యక్రమాన్ని విజయవంతంగా నిర్వహిస్తున్నందుకు ఎన్.ఎస్.ఎస్. వాలంటీర్లను సీతం కళాశాల డైరెక్టర్ డాక్టర్ మజ్జి, శశిభూషణరావు కళాశాల ప్రిన్సిపాల్ డాక్టర్ డి.వి.రామమూర్తి, కళాశాల ఎన్. ఎస్.ఎస్. విభాగం ప్రోగ్రామింగ్ ఆఫీసర్ ఎన్.సతీష్ కుమార్ అభినందించారు.

special camp of NSS unit

N.S.S. of Seetham Engineering College, which is within the limits of the local bangles line. A four-day special camp has been organized at Kondakarakam village and the camp will be held for another three days. The quiz programme was conducted under the guidance of Zilla Parishad High School Headmaster Sateswara Rao and Village Sarpanch Rambabu. Prizes were distributed to the winning students. As part of the second day of the camp, 50 NSS personnel gathered in and around the high school premises. On the third day, free dental check-ups were conducted at zilla parishad high school premises under the supervision of Dr P Divya Deepti of Ghosha Hospital. Many people from the village participated in the event and made the event a success. The volunteers created awareness among the people of Kondakarakam village on health and cleanliness of the surroundings. The volunteers were identified by Dr. Majji, director of Seetham College. Sasibhushana Rao College Principal Dr. D.V. Ramamurthy, College N, SS Department Programming Officer N. Satish Kumar congratulated and



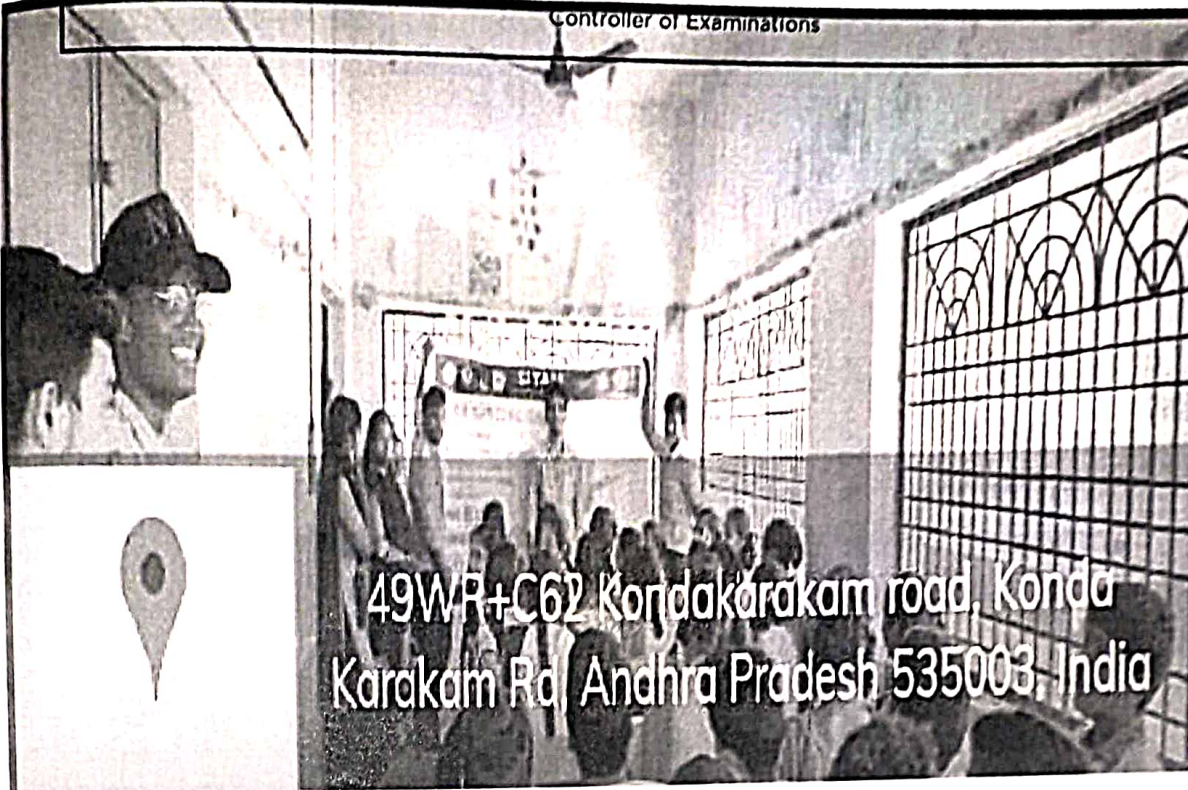
Dr.D.V.Rama Murthy  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajulatrege, Vizianagaram



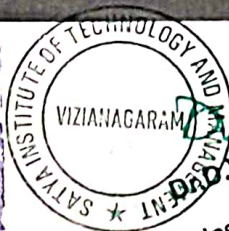
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Controller of Examinations

Principal



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SITAM, GAJULAREGA  
VIZIANAGARAM, A.P., INDIA



*[Handwritten signature]*  
Dr. V. Rama Murthy  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram



# నాడు

పంపిణీ: 49

అమరావతి, విశాఖపట్నం.

## సీతం ఎన్.ఎస్.ఎస్.యూనిట్ ప్రత్యేక శిబిరం

విశాఖపట్నం, కేంద్ర పూర్వ ప్రాంత గ్రామాలకు ఈ కార్యక్రమం నిర్వహించబడింది. సీతం ఎన్.ఎస్.ఎస్. యూనిట్ గ్రామంలో వారికి రోజువారీ ప్రత్యేక శిబిరం నిర్వహించబడింది. ఈ కార్యక్రమంలో గ్రామంలోని వారికి రోజువారీ ప్రత్యేక శిబిరం నిర్వహించబడింది. ఈ కార్యక్రమంలో గ్రామంలోని వారికి రోజువారీ ప్రత్యేక శిబిరం నిర్వహించబడింది.



ఈ కార్యక్రమంలో గ్రామంలోని వారికి రోజువారీ ప్రత్యేక శిబిరం నిర్వహించబడింది. ఈ కార్యక్రమంలో గ్రామంలోని వారికి రోజువారీ ప్రత్యేక శిబిరం నిర్వహించబడింది.

ఈ కార్యక్రమంలో గ్రామంలోని వారికి రోజువారీ ప్రత్యేక శిబిరం నిర్వహించబడింది. ఈ కార్యక్రమంలో గ్రామంలోని వారికి రోజువారీ ప్రత్యేక శిబిరం నిర్వహించబడింది.



**Dr.D.V.Rama Murthy**  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram



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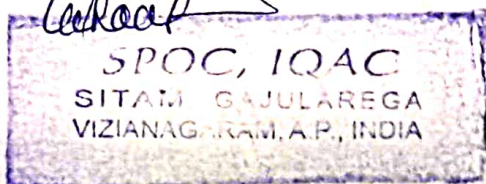
GAJULA REGA, VIZIANAGARAM, Andhra Pradesh, PIN CODE: 535002.

Website: www.sitam.co.in

REPORT

DATE: 14-8-2022 EVENT

Name of Event	Azadi amrutha mahosthav
Date (s) of Event	14 August
Conducted Branches	NCC CADETS
Organizer	M. Vara Lakshmi, S. Prashanth, csd k. satyanarayana
Chief Guest	Satya institution of technology and management Varalakshmi NCC madam director sashi bushan sir principal ramurthy sir
Venue	Sitam engineering college, Gajularega
Timings	10:00 to 12:00
Participants	NCC Cadets



Dr. D.V. Rama Murthy  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram

A. kumar

AP21SCWA288547



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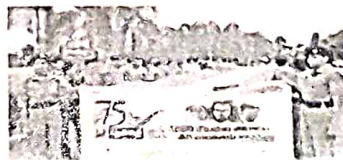
తెలుగు దినపత్రిక

తెలుగు దినపత్రిక

సంచిక : 312 సంపాదకులు : కె.ఓ.శర్మ

14-08-2022 ଚନ୍ଦ୍ରବର

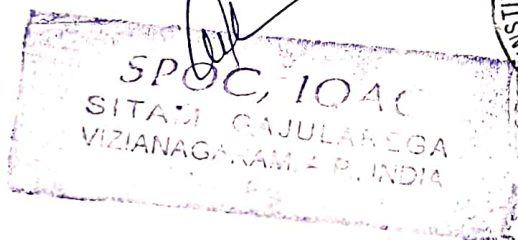
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பெரிய அளவுக்குள்ளேயே இருக்கிறதால், அதைப் பற்றிய செய்தி  
பெரிய அளவுக்குள்ளேயே இருக்கிறதால், அதைப் பற்றிய செய்தி  
பெரிய அளவுக்குள்ளேயே இருக்கிறதால், அதைப் பற்றிய செய்தி



ಕರ್ನಾಟಕದ ಕೆಲವು ಜಿಲ್ಲೆಗಳಲ್ಲಿ ರಾಜಕೀಯದ ಬಗ್ಗೆ ಗಾಢ  
 ಭಾವನೆಗಳಿವೆ. ರಾಜಕೀಯದ ಬಗ್ಗೆ ಗಾಢ ಭಾವನೆಗಳು, ವಿಶೇಷವಾಗಿ  
 ವಿಶೇಷವಾಗಿ.



*Dr. D.V. Rama Murthy*  
Principal  
Satya Institute of Technology  
Management (SIW)  
Gajularega, Vizianagaram





**SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

(Under The Management of GVP, Vishakhapatnam)

(Approved by AICTE, New Delhi; Affiliated to Andhra University,)

**GAJULA REGA, VIZIANAGARAM, Andhra Pradesh, PIN CODE: 535002.**

Website: [www.sitam.co.in](http://www.sitam.co.in)

**EVENT REPORT**

**DATE: 31 -may- 2022**

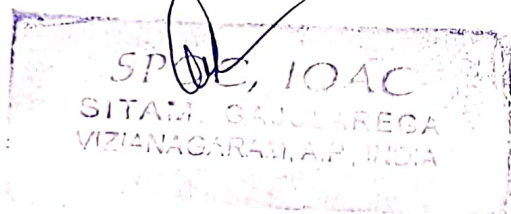
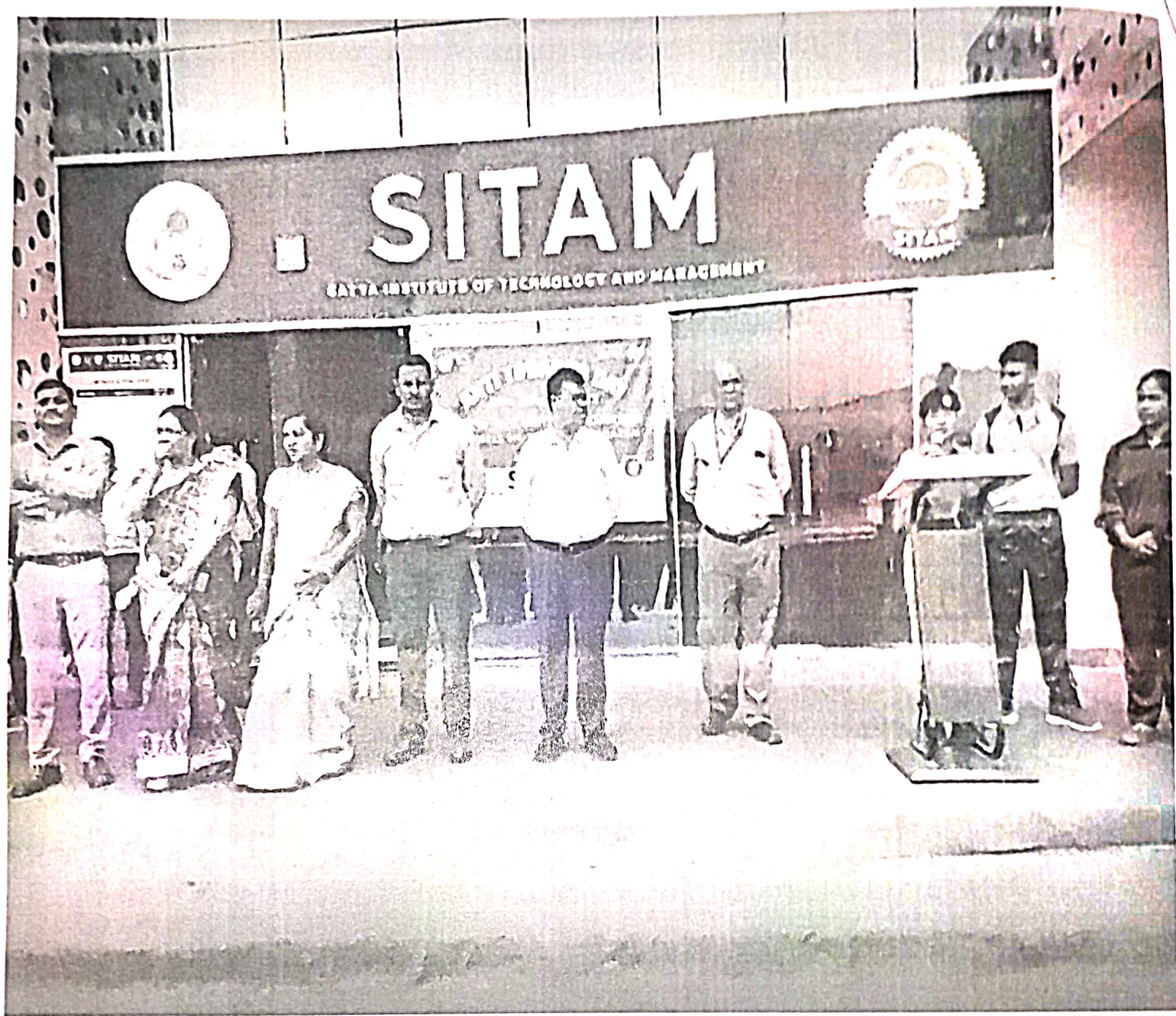
Name of Event	Anti tobacco day
Date (s) of Event	31 may 2022
Conducted Branches	NCC CADETS
Organizer	M.Vara Lakshmi, S.Prashanth ,cso k.satyanarayana
Chief Guest	DR.M.SASHIBHUSHANARAO (DIRECTOR), DR.D.V.RAMAMURTHY (PRINCIPAL), CH.VENKATA LAKSHMI( VICE PRINCIPAL)
Venue	Sitam engineering college ,gajularega
Timings	10:00A.M to 12:00P.M
Participants	NCC Cadets

*Signature*  
**SPOC, IQAC**  
SITAM, GAJULAREGA  
VIZIANAGARAM, A.P., INDIA



*Signature*  
**Dr.D.V.Rama Murthy**  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram





*Dr. D. V. Rama Murthy*

Dr.D.V.Rama Murthy  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram





# SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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GAJULA REGAVIZIANAGARAM, Andhra Pradesh, PIN CODE-530002

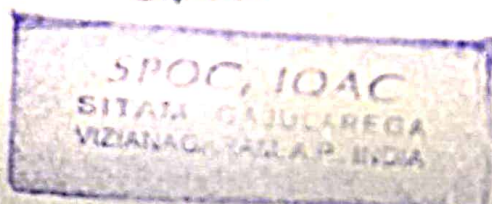
Website: [www.sitams.ac.in](http://www.sitams.ac.in)

DATE: 01 October 2022

## EVENT REPORT

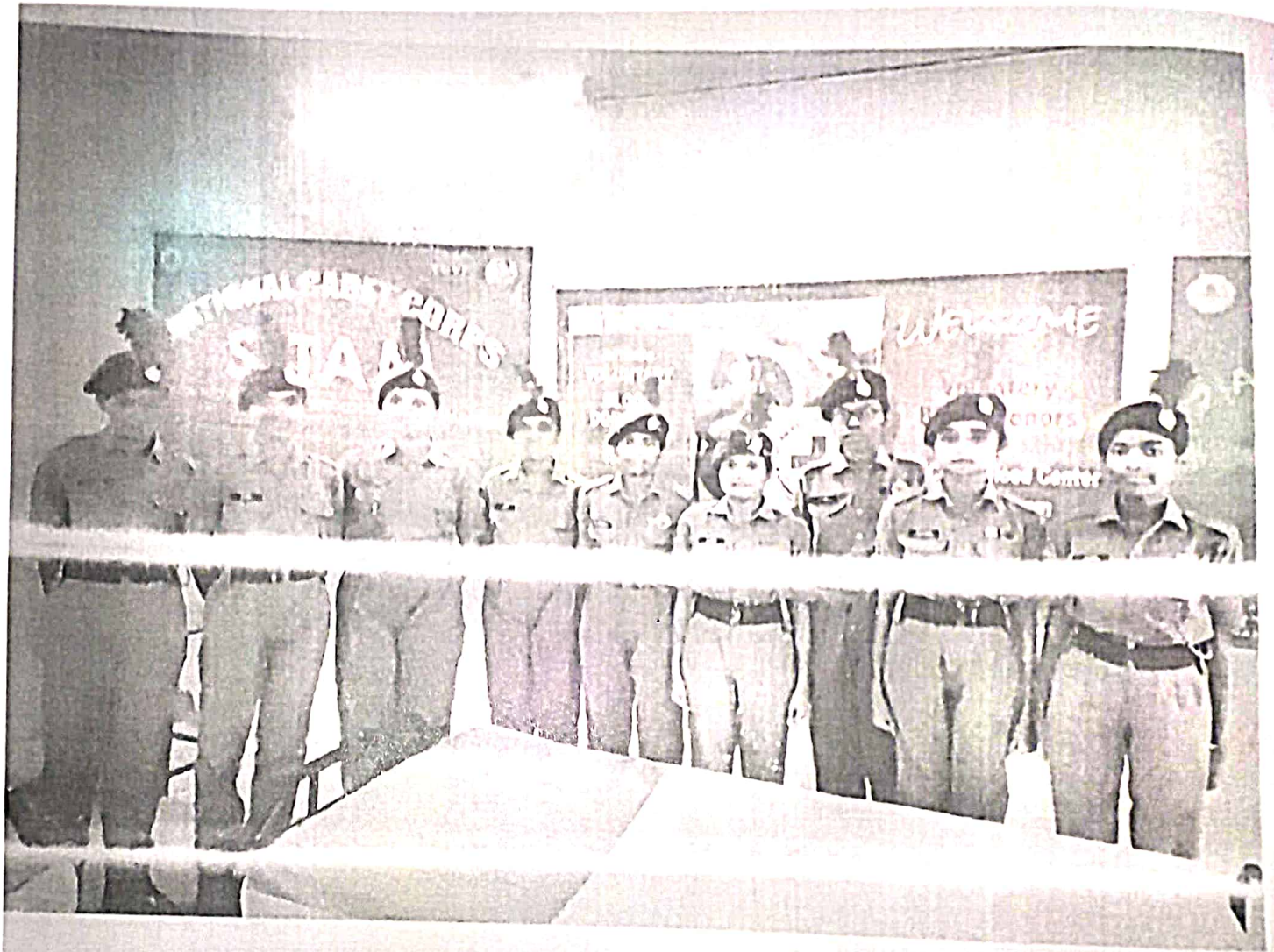
Name of Event	Blood donation camp
Date (s) of Event	1 October 2022
Conducted Branches	NCC CADETS
Organizer	M Vasa Lakshmi, S. Prashanth, etc k.satyamanayana
Chief Guest	DR. M. SASHIBHUSHANARAO (DIRECTOR), DR. D. V. RAMAMURTHY (PRINCIPAL), CH. VENKATA LAKSHMI (VICE PRINCIPAL)
Venue	Sitams engineering college, Gajularega
Timings	10:00 A.M to 12:00 P.M
Participants	NCC Cadets

*Subash*



*a.n.*  
Dr. D. V. Rama Murthy  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram





*Dr. D.V. Rama Murthy*  
 Dr.D.V.Rama Murthy  
 Principal  
 Satya Institute of Technology and  
 Management (SITAM)  
 Gajularega, Vizianagaram



## SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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GAJULA REGA, VIZIANAGARAM, Andhra Pradesh, PIN CODE: 535002.

Website: [www.sitam.co.in](http://www.sitam.co.in)

DATE: 30-10-2022

### EVENT REPORT

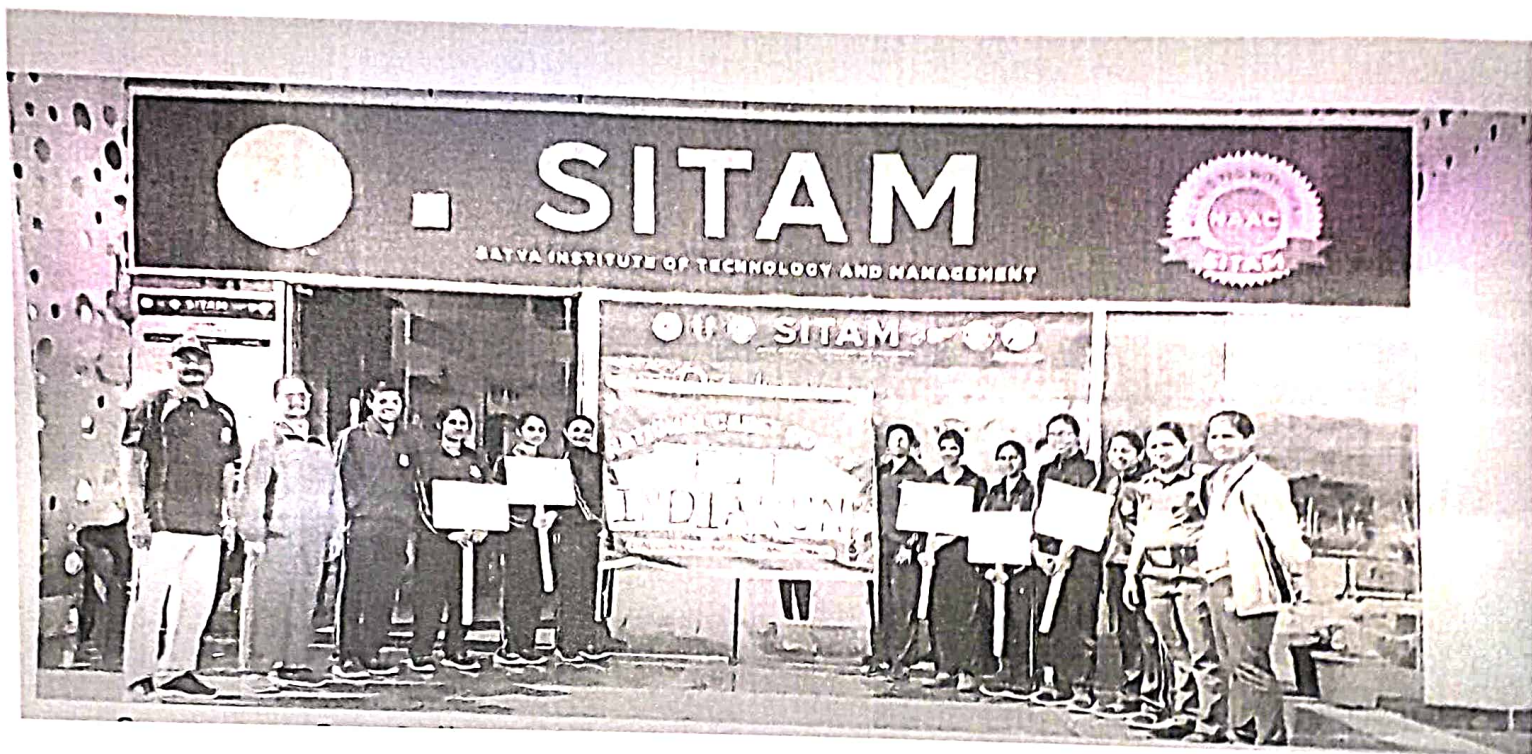
Name of Event	Fit India
Date (s) of Event	30 October 2022
Conducted Branches	NCC CADETS
Organizer	M.Vara Lakshmi
Chief Guest	DR.M.SASHIBHUSHANARAO (DIRECTOR). DR.D.V.RAMAMURTHY (PRINCIPAL). CH.VENKATA LAKSHMI (VICE PRINCIPAL) Prasad sir NCC officer
Venue	Satya institution of technology and management Sitam
Timings	9:00A.M to 12:00P.M
Participants	All NCC Cadets

*[Signature]*  
SPOC, IQAC  
SITAM, GAJULAREGA  
VIZIANAGARAM, A.P., INDIA



*[Signature]*  
Dr.D.V.Rama Murthy  
Principal  
Satya Institute of Technology and  
Management (SITAM)  
Gajularega, Vizianagaram





*Dr. D.V. Rama Murthy*  
 Dr.D.V.Rama Murthy  
 Principal  
 Satya Institute of Technology and  
 Management (SITAM)  
 Gajularega, Vizianagaram



2021



# SITAM

## SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Gajula Rega, Vizianagaram, ANDHRA PRADESH, INDIA-535002

(NAAC Accredited, Approved by A.I.C.T.E & Permanently Affiliated to JNTUGV, Vizianagaram)

Tele Phone No: 9676788811/33/44, Land Line: 08922-234775/76/74

E-Mail: [sitam@sitam.co.in](mailto:sitam@sitam.co.in)

Website: [www.sitam.co.in](http://www.sitam.co.in)



### DEPARTMENT OF CIVIL ENGINEERING

#### List of Advanced Learners

#### Second Year Semester\_I

S.No	Registration No
1	21B61A0103
2	21B61A0106
3	21B61A0107
4	21B61A0114
5	21B61A0116

S.No	Registration No
1	22B65A0101
2	22B65A0103
3	22B65A0113

#### Semester\_II

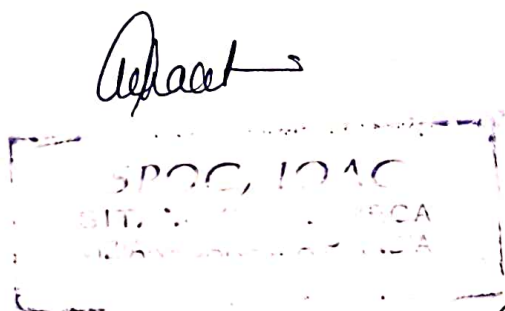
S.No	Registration No
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2	21B61A0106
3	21B61A0107
4	21B61A0114

S.No	Registration No
1	22B65A0103
2	22B65A0108
3	22B65A0113

#### Third Year Semester\_I

S.No	Registration No
1	20B61A0105
2	20B61A0107
3	20B61A0108
4	20B61A0110
5	20B61A0111
6	20B61A0112
7	20B61A0114
8	20B61A0115
9	20B61A0117

S.No	Registration No
10	20B61A0119
11	20B61A0120
12	20B61A0128
13	20B61A0137
14	21B65A0104
15	21B65A0106
16	21B65A0109
17	21B65A0113
18	21B65A0114



Signature

Registrar  
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## Semester\_II

S.No	Registration No
1	20B61A0101
2	20B61A0107
3	20B61A0111
4	20B61A0112
5	20B61A0114
6	20B61A0115
7	20B61A0117
8	20B61A0119

S.No	Registration No
9	20B61A0120
10	20B61A0127
11	21B65A0103
12	21B65A0113

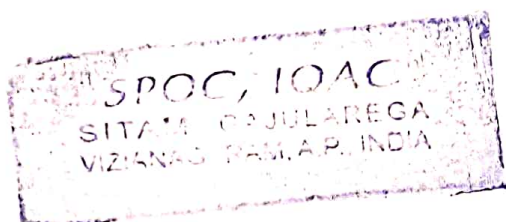
## Final Year Semester\_I

S.No	Registration No
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2	19B61A0102
3	19B61A0105
4	20B65A0101
5	20B65A0104
6	20B65A0105
7	20B65A0106
8	20B65A0109

## Semester\_II

S.No	Registration No
1	19B61A0101
2	19B61A0102
3	19B61A0103
4	19B61A0104
5	19B61A0105
6	20B65A0101
7	20B65A0102
8	20B65A0104
9	20B65A0105
10	20B65A0106
11	20B65A0109

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2.2.1

# SITAM

## SATYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Gajula Rega, Vizianagaram, ANDHRA PRADESH, INDIA-535

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### DEPARTMENT OF CIVIL ENGINEERING

#### OBJECTIVE QUESTIONS

#### FLUID MECHANICS - II Year – I Semester (R20)

1. When a fluid is called turbulent?

- a) High viscosity of fluid
- b) Reynolds number is greater than 2000
- c) Reynolds number is less than 2000
- d) The density of the fluid is low

Answer: c

Explanation: Reynolds number is a dimensionless quantity. It helps to predict the flow pattern in fluid mechanics. At high Reynolds number, the flow has a very high density, due to which the value of Reynolds number is greater than 2000.

2. Stagnation point is the point in fluid mechanics where the velocity of the fluid at that point is \_\_\_\_\_

- a) Unity
- b) Constant
- c) Infinite
- d) Zero

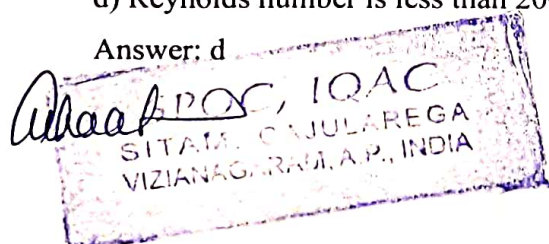
Answer: d

Explanation: Stagnation point is the point in fluid mechanics where the velocity of the fluid at that point is zero. Stagnation points occur at places where the fluid is brought to a state of rest by an object. They usually exist at the surface of objects.

3. When the fluid is called laminar?

- a) Low viscosity
- b) The density of the fluid is high
- c) Reynolds number is greater than 2000
- d) Reynolds number is less than 2000

Answer: d



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Explanation: Reynolds number is a dimensionless quantity. It helps to predict the flow pattern in fluid mechanics. At low Reynolds number, the flow has a very low density, due to which the value of Reynolds number is less than 2000.

4. Which among the following provides the third principle in fluid mechanics?

- a) Conservation of Heat
- b) Conservation of volume
- c) Conservation of linear momentum
- d) Conservation of mass

Answer: c

Explanation: In fluid mechanics, the third principle is given by the conservation of linear momentum. It is in addition to the continuity of mass and conservation of energy. They are mostly seen in channel flow problems.

5. Open channel flow takes place \_\_\_\_\_

- a) In a pump
- b) Within a cylindrical depth
- c) On a free surface
- d) In the pipe

Answer: c

Explanation: Open channel flow is a flow that deals with hydraulics in fluid mechanics. It is a type of liquid flow that flows through a free surface. This free surface is called as a channel. And since the channel is free, it is called as an open channel flow.

6. Which among the following is an assumption of Hagen-Poiseuille equation?

- a) Fluid is uniform
- b) Fluid is laminar
- c) Fluid is turbulent
- d) Fluid is compressible

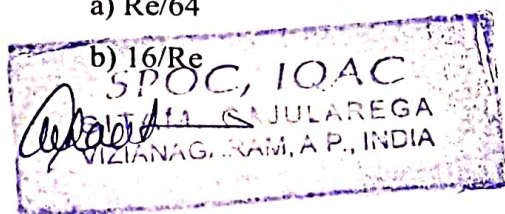
Answer: b

Explanation: Fluid flow is laminar as it is assumed to be incompressible and Newtonian. The flow is laminar through the pipe of constant cross section. Thus, there is no acceleration of fluid in the pipe. Therefore, Hagen-Poiseuille assumed that fluid flow is laminar.

7. Which of the following is a formula for the friction factor of circular pipes?

a)  $Re/64$

b)  $16/Re$



  
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c)  $64/Re$

d)  $Re/16$

Answer: c

Explanation: Circular pipes have a diameter treated in a round manner. For a fluid flow which is laminar head loss is directly proportional to the fluid velocity. Thus, friction factor is inversely proportional to its velocity. Therefore, the correct option is ' $64/Re$ '.

8. The Reynolds number for a flow in a channel is 1000. What type of flow is it?

a) Laminar

b) Turbulent

c) Transition

d) Steady

Answer: c

Explanation: Reynolds number – 500 to 600 – Laminar flow

Reynolds number – 500 to 2000 – Transition

Reynolds number –  $> 2000$  – Turbulent flow

9. The ratio of inertia force and gravitational force is called as \_\_\_\_\_

a) Reynolds number

b) Stokes number

c) Froude's number

d) Euler's number

Answer: c

Explanation: Froude's number is the ratio of inertia forces and gravitational forces. Froude's number is used to classify the flow into critical, sub critical and super critical.

10. What is the Froude's number for a channel having mean velocity 4.34 m/s and mean hydraulic depth of 3m?

a) 0.4m

b) 0.6m

c) 0.7m

d) 0.8m

Answer: d

Explanation: Froude's number ( $Fr$ ) =  $V / (gD^2)$

$$= 4.34 / (9.81) (3^3)$$

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## HYDRAULICS AND HYDRAULIC MACHINERY - II Year - II Semester (R20)

1. Among the following which turbine requires more head?

- a) Pelton Turbine
- b) Kaplan Turbine
- c) Francis turbine
- d) Tube Turbine

Answer: a

Explanation: Except Pelton remaining are reaction turbines, in impulse pressure energy is constant and only available energy is kinetic energy which is directly proportional to head.

2. Head under which Kaplan turbine is operated \_\_\_\_\_

- a) 10-70 meters
- b) 70 -100 meters
- c) 100-200 meters
- d) Above 200 meters

Answer: a

Explanation: Kaplan turbine is reaction turbine and it operates at low head 10-70 meters and output power is 5-200 MW.

3. Find the diameter of jet D, if jet ratio m and diameter of jet d are given as 10 and 125mm.

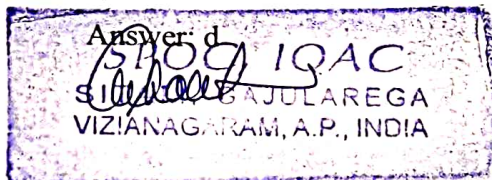
- a) 1.25 meters
- b) 1.5 meters
- c) 2 meters
- d) 1.2 meters

Answer: a

Explanation: Expression for jet ratio is  $m = D/d$  which is  $10 \times 0.125 = 1.25$  meters.

4. If diameter of jet is 85mm and diameter of runner is 1.5 meter then depth of buckets is \_\_\_\_\_

- a) 100mm
- b) 105mm
- c) 106mm
- d) 102mm



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Explanation: The expression for measuring depth of buckets is  $1.2 \times \text{diameter of jet}$ , which is  $1.2 \times 85 = 102\text{mm}$ .

5. Which of the following efficiencies for Francis Turbine is defined as the ratio between the power available at the shaft to the power supplied by water at the inlet?

- a) Hydraulic efficiency
- b) Volumetric efficiency
- c) Mechanical efficiency
- d) Overall efficiency

Answer: d

Explanation: The definition of Overall efficiency in a Francis turbine states that it is the ratio between the Shaft power to the Water power. Hence, the correct option is Overall efficiency.

6. Kaplan turbine is an \_\_\_\_\_ reaction turbine

- a) Inward flow
- b) Outward flow
- c) Radial
- d) Axial

Answer: a

Explanation: Turbine extracts energy and converts it into useful work. Kaplan turbine is an inward flow reaction turbine. It is one of the most efficient turbines to drive electricity.

7. What is the dimension of thermal efficiency of a Kaplan turbine?

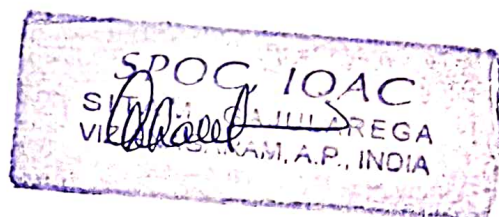
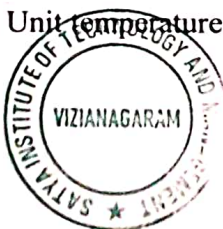
- a) kg
- b) m
- c) kg/m
- d) Dimensionless


Answer: d

Explanation: Thermal efficiency in thermodynamics is a dimensionless performance. It is a device that is used to measure thermal energy. It is mainly used in internal combustion engines.

8. Which among the following is not a unit quantity of turbine?

- a) Unit speed
- b) Unit discharge
- c) Unit power
- d) Unit temperature



  
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Answer: d

Explanation: Unit discharge, unit speed and unit power the three basic functions of the turbine. It plays an important role in determining the specific speeds and to increase the overall output efficiency of the turbine.

9. The main function of nozzle is to \_\_\_\_\_

- a) Varying temperatures
- b) Pressure variations
- c) Load variations
- d) Heat variations

Answer: b

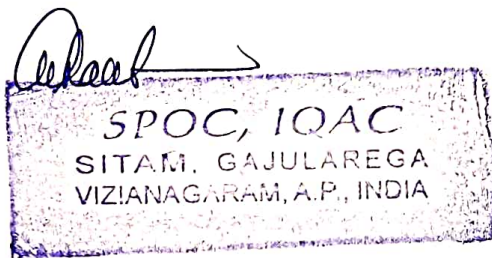
Explanation: The main function of nozzle is to vary the pressure of fluid passing through the nozzle. It is done by opening and shutting the sets of nozzles. Thus, its main function is to regulate pressure of the fluid.

10. Which among the following control the flow rate?

- a) Valve
- b) Pump
- c) Head
- d) Tank pipe

Answer: a

Explanation: Flow rate of the tank is controlled by the valve. The actuation of individual valve closes. This corresponds to the set of nozzle thereby controlling the actual flow rate of the fluid passing through the valve.



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DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

## INDUCTION PROGRAM SUMMARY REPORT (2022-23)

The Induction program for the fresh batch of students joining the Department of CIVIL, MECHANICAL, EEE, ECE, CSE and AI&DS was organized in the month of October 2022 with one week long schedule. The program was designed to take through the fresh students over a typical life at the department, various courses offered at the department, various student activities both academic as well as extra-curricular and how the students are groomed over the next 4 years into a complete holistic professional, equipped with all the necessary skills required by the best of the industry.

The aim of Induction program is to help the students who come from diverse backgrounds to adjust to the new environment and inculcate in them the ethos of the institution. The one week long induction program's objective is to set a healthy routine, create bonding among the students as well as between the faculty and the students. In a way, this period will be used to break the ice and to give a right start to the four year program.

### DAY – 1: 12-10-2022

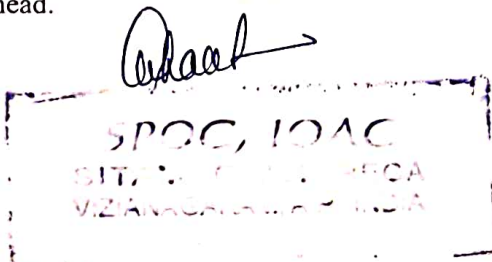
#### Session-1: Welcome Note

The Day 1 program commenced with the formal welcoming of the freshers with their respective parents/guardians by **Dr D.V.Ramamurthy, Principal, SITAM** and **Dr K.Sreelatha, HOD, HBS Dept, SITAM**.

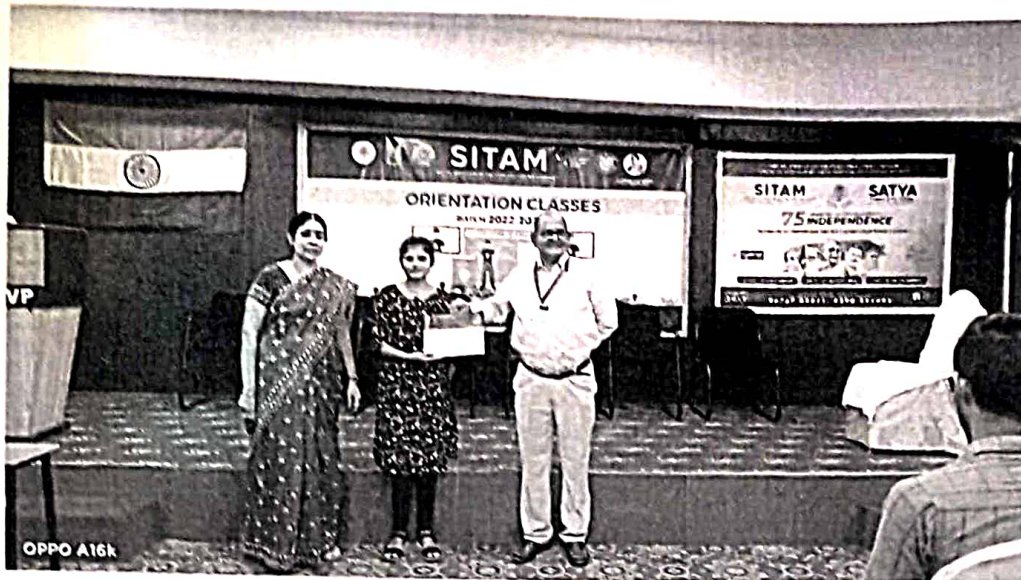
With the help of a PowerPoint presentation, the gathering was introduced to the various departments of the institution, their respective HODs, faculty members and general orientation about the college was.

During the session the students were explained in detail on the various infrastructure, laboratories, library, student associations, curricular and extracurricular activities, clubs, their importance in a student's life.

The session concluded with explaining the code of conduct and guidelines for maintaining the discipline at SITAM and summary of the performance of alumni at the various national and state level competitions. Finally, the session ended with a warm wish to all the students' good luck for their journey ahead.



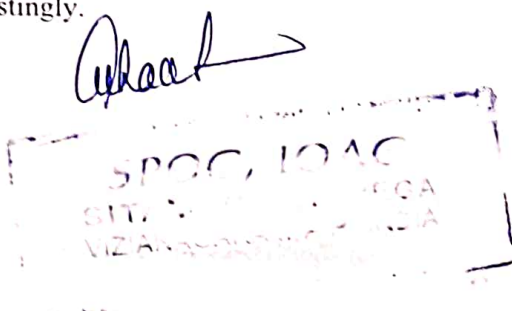
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### Session-2: Introduction to the 4 years Curriculum

A well-crafted curriculum serves as a reference to ensure that students are on the right track. Its components are designed to develop concepts, from a basic level to increasingly complex topics or skills.

Dr Y. Narendra Kumar, Dean R&D, started the session on Curriculum by welcoming all the students for their wonderful journey that is yet to begin in SITAM campus. The four years curriculum was explained to them in detail and highlighted the importance of each subject. The students listened the session very eagerly and interestingly.



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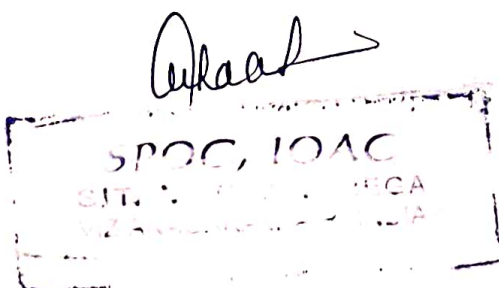




### Session-3 Literary Activity

Mr K.Gopala Krushna, Asst.Prof & Mr K.Venkateswara rao,Asst Prof organized Group discussion (GD), by virtue of the term, means exchange of views by participants on a given subject. The whole idea is to bring together a set of people on a common platform to share their ideas, thereby giving an opportunity to exhibit not only their knowledge, but also to understand and enhance their learning by absorbing the thoughts of other people. With this Induction session students got clarity about Group Discussions and its importance. Along with that they've learned how Group Discussions help them in improving their communication and in interviews.

They also energized the session with Group activities and talent Presentations which includes a better way to develop and retain top talents. These activities improve awareness to develop presentation skills, overcome stage fears, identify different talents and improve them, recognize their strengths and weaknesses and provided a platform to show their skills. Prizes were distributed to students who presented their talents.



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