

MANDATORY DISCLOSURE

The following information shall be given in the information Brochure besides being hosted on the Institution's official Website.

The onus of the authenticity of the information lies with the Institution ONLY and not on AICTE.

1. Name of the Institution-

- School Of Engineering, Sri Satya Sai University of Technology and Medical Sciences

SH-18,Bhopal Indore Road,Opp. Oil Fed Plant, Pachama Sehore(M.P.)-466001

07562-292740, 7748900027. info@sssutms.co.in

2. Name and address of the Trust/ Society/ Company and the Trustees

- Ayushmati Education & Social Society

202 Ganga Jamuna Complex,Zone I M.P. Nagar,Bhopal(M.P.)

3. Name and Address of the Vice Chancellor/ Principal/Director

- Dr. Mukesh Tiwari

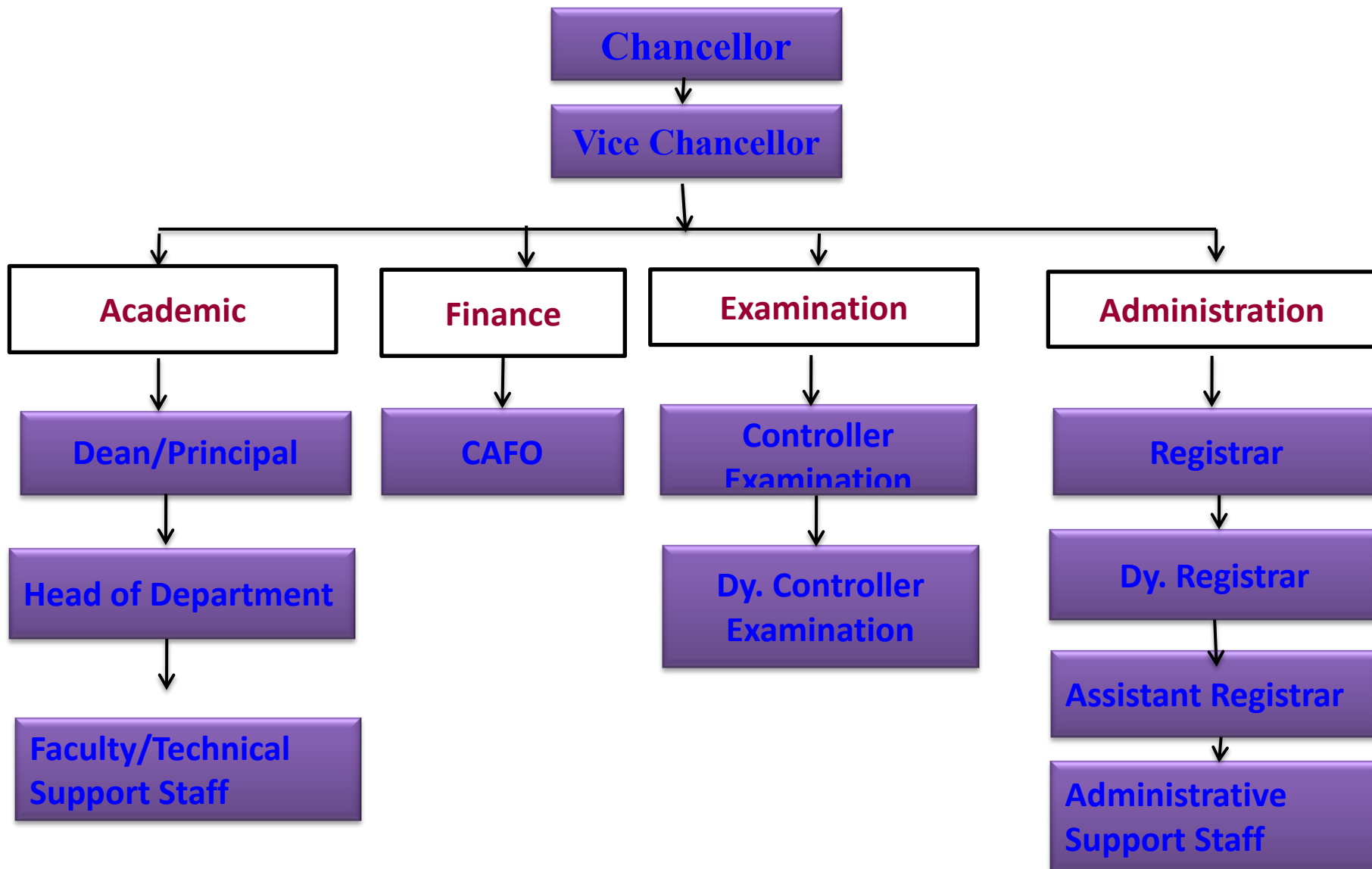
SH-18,Bhopal Indore Road,Opp. Oil Fed Plant, Pachama Sehore(M.P.)-466001

07562-292740, 9826293590, vc@sssutms.co.in

4. Name of the affiliating University

Sri Satya Sai University of Technology and Medical Sciences

- Organizational chart and processes



- **Nature and Extent of involvement of Faculty and students in academic affairs/improvements-**

The vision of the Institute emphasizes on imparting quality education through active involvement of all of its stakeholders in the decision making process for producing human manpower with technological excellence through quality education. The established policies and procedures practiced by the Institute, which ensures the integrity and effectiveness in the governance and administration for high quality education. The Institute being fully autonomous has culture of decentralized governance system with well-defined hierarchical inter-relationships. Strategic plan is framed with goals in line with the Institute's vision and mission statements and statutory committees and bodies are constituted within the Institute to monitor all the activities.

The Institute encourages the teachers to attend conferences and workshops, to become member of professional bodies with full financial support. Institute introduced a scheme for teachers to improve the research and academic activities in the Institute. The teachers are members of Board of studies, Departmental Faculty Boards and Academic Council and help making and implementing policies to improve the quality of academics in the Institute. Faculty is the backbone of the Institute and hence provided with financial support and freedom in improving academics and research. Apart from teaching-learning and R&D activities faculty are involved in shouldering portfolios like Deans, HODs, COE etc. and contribute in the academic development of the Institute. They are also involved in consultancy activities. Institute has framed a research policy which provides norms for various activities related to research and consultancy. Internal Quality Assurance Cell is established by the Institute for continuous improvement of quality and achieving academic excellence. IQAC has initiated several quality reforms to improve teaching-learning processes, brand building and adopting ICT enabled environment for smooth functioning of academic and administrative processes.

- **Mechanism/ Norms and Procedure for democratic/ good Governance-**

- Open House meetings
- Open Door Policy
- Personalized performance monitoring
- Communication of Performance
- Departmentalization of Work
- Designated personnel for each class and Hostel
- Fast redressal of grievances
- Turn Around time allocated to all administrative tasks
- Platform for students to take responsibility and perform and show excellence
- Dedicated training and placement

- **Student Feedback on Institutional Governance/ Faculty performance**

1. Alumni Feedback is taken from Alumni for the academic year. The analysis helped the institute in development of curriculum for 'Autonomy'.
2. Feedback about Faculty is taken from students twice a semester. The various parameters on which teaching is assessed are: Communication Skills, Quality of Teaching/ Academic input, Subject Knowledge, Content and Method of Delivery, Resourcefulness, Readiness of teacher, Accessibility and Availability of Teacher in Campus/ Department. Feedback is signed by the Principal and conveyed to the faculty by respected Head of the Department.
3. An Institute level Parent Teacher meeting is conducted once every semester. During the meeting, parents are made aware about their wards' attendance, academic performance for the semester as well as about the various learning processes conducted in the institute. During the pandemic situation the Parent-teacher meeting was conducted online and the response to the meet was overwhelming.
4. Feedback about Institute is also taken from all students once in a year. This includes the feedback about the facilities and the infrastructure of the institute. In year 2019-20 and 2020-21 the classes were conducted online and the feedback was modified accordingly.
5. Various companies visit the campus of the institute for the placement of the students. Based on this feedback, Guest lectures, workshops, seminars are organized for students to help them to be ready for industry.

- **Grievance Redressal mechanism for Faculty, staff and students** -<https://www.sssutms.co.in/Grievance>

6. Programmes

- Name of Programmes approved by AICTE
Bachelor of Engineering
Master of Technology
Masters in Computer Applications
Master's in Business Administration
- Name of Programmes Accredited by NBA-NA
- Status of Accreditation of the Courses-NA
- Status of Accreditation of the Courses
 - Total number of Courses-**24**
 - No. of Courses for which applied for Accreditation-**0**
 - Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for . . .Courses (specify the number of courses)
- For each Programme the following details are to be given(Preferably in Tabular form):

Name	Number of Seats	Duration	Cut off marks/ rank of admission during the last three years	Fee (as approved by the state government)	Placement Facilities	Campus placement in last three years with minimum salary, maximum salary and average salary
Bachelor of Engineering	1260	4Year	45%	53000	Yes	Minimum Salary-300000 Maximum Salary-700000 Average Salary-500000
Master of Technology	234	2Year	55%	63000	Yes	Minimum Salary-320000 Maximum Salary-800000 Average Salary-500000
Masters in Computer Applications	60	2Year	50%	40000	Yes	Minimum Salary-300000 Maximum Salary-600000 Average Salary-450000
Master's in Business Administration	120	2Year	50%	50000	Yes	Minimum Salary-280000 Maximum Salary-700000 Average Salary-500000

- Name and duration of Programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:
 - Details of the Foreign University- **NOT AVAILABLE**
 - Name of the University- **NOT AVAILABLE**
 - Address- **NOT AVAILABLE**
 - Website- **NOT AVAILABLE**
 - Accreditation status of the University in its Home Country- **NOT AVAILABLE**
 - Ranking of the University in the Home Country- **NOT AVAILABLE**
 - Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country
 - Nature of Collaboration- **NOT AVAILABLE**
 - Conditions of Collaboration- **NOT AVAILABLE**
 - Complete details of payment a student has to make to get the full benefit of Collaboration- **NOT AVAILABLE**
- For each Programme Collaborated provide the following:
 - Programme Focus- **NOT AVAILABLE**
 - Number of seats- **NOT AVAILABLE**
 - Admission Procedure- **NOT AVAILABLE**
 - Fee (as approved by the state government)- **NOT AVAILABLE**
 - Placement Facility- **NOT AVAILABLE**
 - Placement Records for last three years with minimum salary, maximum salary and average salary- **NOT AVAILABLE**
 - Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic/Foreign University has applied to AICTE for approval- **NOT AVAILABLE**

7. Faculty

- Course/Branch wise list Faculty members:
 - Permanent Faculty- <https://www.sssutms.co.in/cms/Website/Faculty/Engineering.pdf>
 - Adjunct Faculty-3
 - Permanent Faculty: Student Ratio-1:16
 - Number of Faculty employed and left during the last three years-79

8. Profile of Vice Chancellor/ Director/ Principal/Faculty

- For each Faculty give a page covering with Passport size photograph- <https://www.sssutms.co.in/cms/Website/About/Facultyprofile>
 - Name- **Dr. Nilesh Diwakar**
 - Date of Birth- **31/12/1973**
 - Unique ID-**1-4691573**
 - Education Qualifications-**B.E., M.Tech, P.hd**
- **Work Experience**
 - Teaching-**22 Year**
 - Research-05 Year
 - Industry-1 Year
 - others
 - Area of Specialization-Solar and Wind Energy
 - Courses taught at Under Graduate/ Post Graduate
- **Research guidance(Number of Students)**
 - No. of papers published in National/ International Journals/ Conferences-41
 - Master (Completed/On-going)-09
 - Ph.D. (Completed/Ongoing)-02
 - Projects Carried out-3
 - Patents (Filed & Granted)-2
 - Technology Transfer-4
 - Research Publications (No.of papers published in National/International Journals/Conferences)-52
 - No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)-NA

9. Fee

- Details of Fee, as approved by State Fee Committee, for the Institution-
Bachelor of Engineering-53000/-
Master of Technology-63000/-
Masters in Computer Applications-40000/-
Master's in Business Administration-50000/-

- Time schedule for payment of Fee for the entire Programme-**Starting of every semester**
- No. of Fee waivers granted with amount and name of students-**0**
- Number of scholarship offered by the Institution, duration and amount-

Number of Student	Duration	Amount
78	4	7176000

- Criteria for Fee waivers/scholarship- **Students whose parental annual income is less than Rs. 2.00 Lakh from all sources will be eligible to avail this scheme. If either of the parent (mother or father) of the student is working in the State Govt. / Central Govt. / Semi Govt. State or Central Govt.**
- Estimated cost of Boarding and Lodging in Hostels-**68000**
- Any other fee please specify-**No**

10. Admission

- Number of seats sanctioned with the year of approval-**1674**
- Number of Students admitted under various categories each year in the last three years

S.No.	Year	Number of Students admitted
1	2019-2020	1441
2	2020-2021	1527
3	2021-2022	1447

- Number of applications received during last two years for admission under Management Quota and number admitted.-**No Management Quota is available.**

11. Admission Procedure

- Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)- **University** <https://www.sssutms.co.in/cms/Website/Admission/AdmissionNotice>
- Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.)- <https://www.sssutms.co.in/cms/Website/Admission/AdmissionNotice>
- **Calendar for admission against Management/vacant seats:**
 - Last date of request for applications-**20/10/2021**
 - Last date of submission of applications-**20/10/2021**
 - Dates for announcing final results-**22/10/2021**
 - Release of admission list (main list and waiting list shall be announced on the same day)- **-22/10/2021**
 - Date for acceptance by the candidate (time given shall in no case be less than 15days)-**15days**
 - Last date for closing of admission-**20/10/2021**
 - Starting of the Academic session-**01/10/2021**
 - The waiting list shall be activated only on the expiry of date of main list-**Yes**
 - The policy of refund of the Fee, in case of withdrawal, shall be clearly notified-**As per AICTE/State govt. Counselling Rulebook**

12. Criteria and Weightages for Admission

- Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.- <https://www.sssutms.co.in/cms/Website/Admission/Admission>
- Mention the minimum Level of acceptance, if any
- Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years-**50%**
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted- <https://www.sssutms.co.in/cms/Website/Admission/Admission>

13. List of Applicants

- List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats- <https://www.sssutms.co.in/epravesh/>
- List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise)- **No Management Quota is available.**

14. Results of Admission Under Management seats/Vacant seats

- Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)- **No Management Quota is available**
- Score of the individual candidate admitted arranged in order or merit- **No Management Quota is available**
- List of candidate who have been offered admission- **No Management Quota is available**
- Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate- **No Management Quota is available**
- List of the candidate who joined within the date, vacancy position in each category before operation of waiting list- **No Management Quota is available**

15. Information of Infrastructure and Other Resources Available

- Number of Class Rooms and size of each

Number of Class Rooms	Size of each
86	67Sqm

- Number of Tutorial rooms and size of each

Number of Tutorial Rooms	Size of each
22	34Sqm

- Number of Laboratories and size of each

Number of Laboratories Rooms	Size of each
92	68Sqm

- Number of Drawing Halls with capacity of each

Number of Drawing Halls	Capacity of each
4	60

- Number of Computer Centres with capacity of each

Number of Computer Centres	Capacity of each
5	120

- Central Examination Facility, Number of rooms and capacity of each

Number of Class Rooms	Capacity of each
86	60

- Online examination facility (Number of Nodes, Internet bandwidth, etc.)

Number of Nodes	1116
Internet bandwidth	100Mbps

- Barrier Free Built Environment for disabled and elderly persons

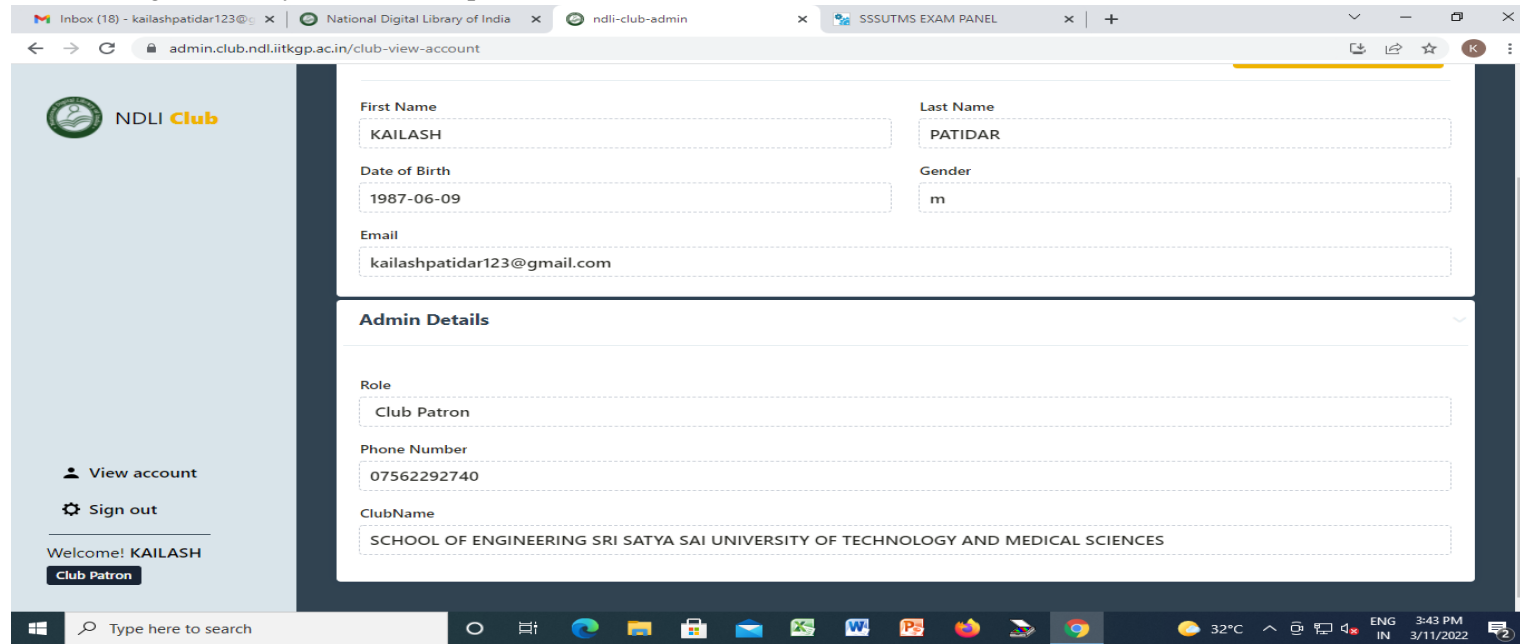
- **Ramp/Rails**
- **Lift**
- **Rest Rooms**
- **Free Medical Facility**
- **Subsidised Transport Facility**
- **Provision of Support Services for Blinds in Appearing for Examination**

- Occupancy Certificate-**Yes, Uploaded in AICTE portal**
- Fire and Safety Certificate-**YES, Uploaded in AICTE portal**
- Hostel Facilities-**Available**
- **Library**
- Number of Library books/ Titles/ Journals available(Programme-wise)

Programme	Number of Library books	Titles	Journals
Engineering and Technology	56259	14375	157
Management	4445	443	27
MCA	2912	553	38

- List of online National/ International Journals subscribed- <https://www.sssutms.co.in/cms/Website/Download/Journals.pdf>
- E- Library facilities- **Delnet, SOUL, SHODH Sindhu, Shodhganga**

- National Digital Library(NDL) subscription details



Laboratory and Workshop

- List of Major Equipment/Facilities in each Laboratory/Workshop
- **ELECTRONICS AND COMMUNICATION ENGINEERING**

S.No.	Particular/Name of Item
1	Antenna Band(Microwave Bench)
2	Antenna Kit(Antennas)
3	Antenna Trainer
4	Function generator
5	Gunn Power Supply
6	Klystron Power Supply
7	Matching Stub For Antenna Trainer
8	Multiplexer & Demultiplexer

9	Oscilloscope
10	Parabolic Antenna
11	Receiving Mast
12	RF Detector
13	SWR Meter
14	Transmitting Mast
15	V.S.W.R. Meter
16	Heily Antenna
17	ALMIRAH
18	CELLING FANS
19	TUBLIGHT
20	TABLE

21	STUAL
22	CHAIR
23	BOOK RACK
24	GREEN BOARD
25	Active Filters
26	Attenuator
27	Band pass filter
28	Band reject filter
29	B/W TV
30	B/W TV Receiver
31	Bread Board Trainer & Designer
32	Constant K low pass filter
33	Constant K high pass filter
34	Colour Tv
35	Colour Tv Receiver System
36	Dish Tv KU band satellite
37	Electronics Trainer Kit
38	Function generator
39	IC regulated power supply
40	Lattice Filter
41	m-Derived High Pass filter
42	m-Derived Low Pass filter
43	Multivoltmeter
44	Passive Filter
45	Regulated Power Supply
46	Resonant Circuit
47	Transmission Line
48	ALMIRAH
49	CELLING FANS
50	TUBLIGHT
51	TABLE
52	STUAL
53	CHAIR
54	BOOK RACK

55	GREEN BOARD
56	Audio Power Amp (CA810)
57	Breadboard
58	Breadboard Trainer & Design
59	Diode and Zener diode characteristics
60	Electrical Power Supplier
61	FET characteristic
62	FET characteristic
63	Function Generator
64	Function Pulse Generator
65	Inverting/Non inverting amplifier
66	Modulator (MUAT)
67	MOSFET Characteristics
68	MOSFET Characteristics
69	Multimeter
70	Op.Amp as diferentiater and integrator
71	Op.Amp trainer and designer
72	Op.Amp. As voltage comparator
73	Oscilloscope(CRO)
74	Rectifier and Filter Characteristics
75	Regulated power supply using Zener Diode
76	Single Stage Transistor amplifier
77	Study of H parameter of a Transistor
78	Study of Schmitt Trigger ckt.
79	Timmer(IC555) app. and trainer
80	Transistor Characteristics
81	Transistor emmitter follower amplifier
82	Transistorized phase shift oscillator
83	UJT Characteristic and relaxtion oscillator

84	ALMIRAH
85	CELLING FANS
86	TUBLIGHT
87	TABLE
88	STUAL
89	CHAIR
90	BOOK RACK
91	GREEN BOARD
92	Anolog to Digital Converter Trainer
93	Balance Modulator/Demodulator
94	Delta Adaptive Delta Sigma Modulation /Demodulation Trainer
95	Digital Storage Oscilloscope
96	Digital to Anolog Converter
97	Digital to Anolog Converter Trainer
98	DSB/SSB AM Receiver Trainer
99	DSB/SSB AM Transmitter Trainer
100	Fiber Optics Trainer
101	FM Transmitter Receiver Trainer
102	Frequency Modulator / Demodulator
103	Function Pulse Generater
104	LAN Trainer
105	Oscilloscope
106	Power Supply for VLSI Trainer
107	Sampling & Reconstruction Trainer
108	Study of Amplitude Modulation / Demodulation
109	TDM Pulse Amplitude Modulation Demodulation Trainer
110	TDM Pulse Code Modulation Receiver Trainer
111	TDM Pulse Code Modulation Transmitter Trainer
112	VLSI Traner

113	ALMIRAH
114	CELLING FANS
115	TUBLIGHT
116	TABLE
117	STUAL
118	CHAIR
119	BOOK RACK
120	GREEN BOARD
121	Adder&substractor
122	Analog&digital convertor
123	Binary counter
124	Bread board Trainer & Design
125	Digital kit
126	Encoder&decoder
127	Half adder&full adder
128	IC/RPS
129	Keyboard
130	Microprocessor(8086) Kit
131	Microprocessor Kit Supply
132	Microprocessor XPO
133	Multimeter
134	Multiplexer & Demultiplexer
135	Multiplexer/Demultiplexer Coder/Decoder Trainer
136	Oscilloscope
137	Regulated Power Supply (RPS)
138	R-S,D,T,J-K Master Slave Flip-Flop
139	SMPS
140	Study of R-S & J-K flip flop
141	ALMIRAH
142	CELLING FANS
143	TUBLIGHT
144	TABLE
145	STUAL

146	CHAIR
147	BOOK RACK
148	GREEN BOARD
149	COMPUTER SET
150	ALMIRAH
151	CELLING FANS
152	TUBLIGHT
153	TABLE
154	STUAL
155	CHAIR
156	BOOK RACK
157	GREEN BOARD
158	COMPUTER TABLE
159	COMPUTER CHAIR

• **ELECTRICAL AND ELECTRONICS ENGINEERING**

S.No.	Particular/Name of Item
1	Eching solution
2	Hand Drill Machine
3	Electric Drill Machine
4	Drill bit set
5	Shear cutters
6	Wire Cutters/Stripper
7	ESD-safe tweezers
8	Needlenose pliers
9	High quality precision screwdriver set
10	High quality torx screwdriver set
11	Universal Crimp tool
12	IC chip extractor
13	Nibbler / Nibbling tool
14	"25W adjustable" soldering iron (marginal quality)
15	Adjustable 50W soldering iron (Good quality)

16	60/40 Lead Solder, rosin core .031" 1/2-1 lb
17	60/40 Lead Solder, rosin core .062" 1lb
18	Solder sucker / Desolder pump
19	Desoldering Braid, thick/ thin
20	Tip tinner
21	Heat Shrink Gun + attachment
22	Test clips
23	Hot Air rework Station

• **ELECTRICAL ENGINEERING**

S.No.	Particular/Name of Item
1	Ammeter
2	Ammeter AC / DC
3	Ammeter DC
4	Transformer Single phase
5	3- Phase 4 Wire Watt Hour Meter
6	Voltmeter
7	Voltmeter AC/ DC
8	Multimeter
9	Voltmeter DC
10	Variable Voltage Auto Transformer
11	Watt Meter
12	Capacitor
13	Logic Gates
14	Solar Panel Set
15	Connecting Wires
16	Switch Fuse Unit
17	Induction Motor Single Phase
18	Induction Motor Three Phase
19	Inductive Load
20	Load Tester
21	Multitester
22	Panel For Moter Generater Set
23	Resistance Box

24	Rheostate
25	Digital Techometer
26	Lvdt Trainer Kit
27	Digital temperature indicator
28	Angular Displacement Trainer Kit
29	Displacement Study Trainer Kit
30	Ammeter
31	Ammeter AC / DC
32	Ammeter DC
33	Transformer Single phase
34	3- Phase 4 Wire Watt Hour Meter
35	Voltmeter
36	Voltmeter AC/ DC
37	Multimeter
38	Voltmeter DC
39	Variable Voltage Auto Transformer
40	Watt Meter
41	Capacitor
42	Logic Gates
43	Solar Panel Set
44	Connecting Wires
45	Switch Fuse Unit
46	Induction Motor Single Phase
47	Induction Motor Three Phase
48	Inductive Load
49	Load Tester
50	Multitester
51	Panel For Moter Generater Set
52	Resistance Box
53	Rheostate
54	Digital Techometer
55	Lvdt Trainer Kit
56	Digital temperature indicator
57	Angular Displacement Trainer Kit

58	Displacement Study Trainer Kit
59	Speed Measurement Trainer Kit
60	Thermistor Characteristics
61	Resistance Temperature Device Characteristics
62	Digital Gauss Meter
63	Hall Effect Setup
64	Distance Measurement Trainer Kit
65	PID Controller Simulated Process
66	Open Loop/Closed Loop Control System
67	Bode Plot Kit
68	Basic Feedback Control System
69	Type 0 Control System
70	Oscilloscope
71	Ic/Rps(Regulated Power Supply)
72	Signal Generator
73	Function Generator
74	CRO Demonstration Kit
75	Sine Square Oscillator
76	Type 1 Control System Kit
77	Type 2 Control System Kit
78	Transformer
79	LCR Resonance Ckt.
80	Thevenin's Theorem
81	Maximum Power Transfer Theorem Kit
82	Millmans Theorem Kit
83	Superposition Theorem Kit
84	Reciprocity Theorem Kit
85	Inducion motor 3 phase 1 hp
86	Inducion motor 3 phase 5 hp
87	Inducion motor 3 phase 3 hp
88	DC Motor 3 hp
89	DC Machine 230 /440 v AC/DC 4.1 A 1 HP
90	lamp load
91	DC supply 15 a/300 v

92	autotransformer 1.5 KVA
93	Motor Starte Star/Delta 340 /

• **AERONAUTICAL ENGINEERING**

S.No.	Particular/Name of Item
1	SU-7 Turbojet Engine
2	Auxiliary Power Unit (Cut- View)
3	Jet Engine Markup
4	Gas Turbine Engine starter
5	Washing Rig+ Motor
6	Three Spool Arrangement
7	Twin Spool Arrangement
8	Jet Nozzle
9	Flame Holder
10	Components Display Board
11	Components Display Board (Type of Blade)
12	Continental E-185 Engine
13	Continental C-90 Engine
14	Gipsy Engine (Cut-View)
15	Two Stroke Engine Markup
16	Spark Plug Tester
17	Engine cylinder -5
18	Valve spring -5
19	Intake pipe -9
20	Magneto -7
21	Carburetor -2
22	Piston -7
23	Oil filter -7
24	Push rod -4
25	Piston ring
26	O- Ring
27	Induction oil Filter

28	Crankshaft
29	Cold Air Unit and Heat Exchanger
30	Air Conditioning Markup(Airbus 300 & other Aircraft Component fitted on a Bench)
31	E& P (piston type)
32	Pressure Reducing Valve (Pneumatic)
33	Pulley
34	Accumulator
35	Cabin Anti-Ice Valve -2
36	Drive Shaft
37	Booster Pump -2
38	Gear Box -2
39	Steady Bearing-2
40	Skid Detector
41	Actuator
42	Electro hydraulic selector valve
43	Air Bottles
44	Pneumatics Expansion Joint
45	Flow Control Valve
46	Servo control
47	Control Surface Mass Balancing Markup
48	Wing Section-2
49	Aileron -1
50	Flap-2
51	Accessories for composite materials
52	Truss types structure of aircraft
53	Tyre -2
54	Pressure Transmitter
55	Vapor Cycle System
56	Pneumatic System Markup (Door Operation)
57	Fire Detection System

58	Retractable Landing Light Markup
59	Rain Protection System Markup
60	Compass (b-16)
61	Mach Meter
62	Fuel Flow Transmitter
63	Dual Gauge (fuel)
64	Cabin VSI
65	Altimeter-2
66	Directional gyro
67	Fuel Pressure Gauge
68	Triple Gauge
69	Turn –Slip Indicator
70	Fuel Quantity Indicator
71	Manifold Pressure Gauge -2
72	Vacuum Pressure Gauge
73	Temperature Indicator
74	Gyro Horizon
75	VSI-2
76	Autopilot Mode Select Panel
77	Heading Selector Remote
78	ASI
79	Vibration Indicator Amplifier
80	Static Defects Correction Modules
81	VHF Receivers
82	Indicators Fuel Flow
83	Brake Pressure Gauge
84	Monitor Comparator Warning
85	Engine RPM indicator
86	Free Air Temperature Gauge
87	Multi Meter (Digital)
88	Multi Meter (Analog)

89	Volt Meter – 2
90	Generator Test Bench
91	Battery Charger – 2
92	Test Bench (5 Gauge)
93	Directional Gyro
94	Gyro Horizon
95	Motor Compressor Set
96	Battery capacity Tester
97	Directional Compass Swinging
98	Display Bench
99	Manometer -2
100	Aircraft Lamp
101	Grees Gun
102	Ni-Cd Battry
103	Battry

• CHEMISTRY

S.No.	Particular/Name of Item
1	Abels close cup apparatus
2	Clevelands open cup apparatus
3	Pensky martin apparatus
4	Redwood viscometer no 1
5	Redwood viscometer no 2
6	Digital Ph meter
7	Electronic balance
8	Distillation Plant Cap
9	Cloud and Pour point
10	Conrad son's Apparatus
11	Ammonium hydroxide
12	Ammonium chloride
13	Hydrochloric acid

14	Phenolphthalein indicator
15	Methyl orange indicator
16	Sodium carbonate
17	Sodium bi carbonate
18	Sulphuric acid
19	Ammonium ferrous sulphate
20	Potassium dichromate
21	Copper sulphate
22	Sodium thiosulphate
23	Potassium iodide
24	Methanol
25	Buffer solution
26	Silver nitrate
27	Edta di sodium salt
28	Ammonia solution
29	Starch
30	Eriochrome Black –T indicator
31	Mustered oil
32	Kerosene oil
33	Caster oil 2T oil
34	Burettes
35	Beakers
36	Volumetric flasks
37	Condensers
38	Funnels
39	Petri dishes
40	Stirring Rods
41	Desiccators
42	Water bath
43	Pipette
44	Thermometer
45	Reagent bottle

46	Burette stand
47	Glass rod
48	Measuring Cylinder
49	Dropper Glass
50	Test Tube
51	Test tube brush
52	Retorts
53	Graduated Cylinders
54	Drying pistols

• PHYSICS

S.No.	Particular/Name of Item
1	Transistor Kit
2	Diffraction Grating
3	Lummer Brodhon Photometer
4	Band Gap Kit
5	Electric Vibrator
6	Mercuty Lamp
7	Meter Scale
8	Newtons Slide Assembly
9	Numerical Aperature Experiment
10	PN Junction Diode Kit
11	Prism
12	Plank's Constant
13	Sodium Lamp
14	Spectrometer
15	Sextant
16	Zener Diode Kit

• **CHEMICAL ENGINEERING**

S.No.	Particular/Name of Item
1	Heat Transfer In Forced Convection
2	Heat Transfer In Natural Convection
3	Cross Flow Heat Exchanger
4	Heat Transfer Through Composite Walls
5	Emissivity Measurement Apparatus
6	Thermal Conductivity Of Insulating Slabs
7	Thermal Conductivity of Metal Rod Apparatus
8	Stefan Boltzmann's Apparatus
9	Steam distillation
10	Simple Distillation
11	Fractional Distillation System
12	Batch Crystallizer
13	Fluidized bed dryer
14	Mass Transfer With or Without Chemical Reaction
15	Hydrometer
16	Roll Crusher
17	Jaw Crusher
18	Ball Mill
19	Gyratory Sieve Shaker
20	Magnetic Separator
21	Rotary Vacuum Filter
22	Cyclone Separator
23	Pneumatic conveyer
24	Continuous Stirred Tank Reactor
25	Adiabatic Batch Reactor
26	RTD studies in CSTR
27	packed bed reactor
28	Plug Flow Tubular Reactor
29	Isothermal plug flow reactor (Coiled tube type)
30	Combined flow reactor

31	Air Compressor
32	Liquid Level Controlling System
33	Microprocessor Based PID Controller System.
34	Pneumatic Control Valve
35	SCADASYSTEM
36	PLC Panel For Process Control
37	pH meter
38	Dissolved oxygen analyser
39	Conductivity Meter
40	Digital Salinity Meter
41	Photo Colorimeter
42	COD, BOD Incubator
43	Digital TDS Meter
44	Turbidity Meter
45	Air Dryer Oven
46	Oven
47	Crucible (High temp. Resistance)
48	Muffle Furnace
49	Discharge Over Notches Apparatus
50	Venturi meter apparatus
51	Flow Through Orifice and Mouthpiece Apparatus
52	Bernoullis Theorem Apparatus
53	pressure gauge
54	Bellow tube pressure gauge
55	electromagnetic flow meter
56	wet bulb thermometer
57	dry bulb thermometer
58	Bomb-Calorimeter
59	Redwood viscometer
60	Penskey Martin's apparatus
61	cloud and pour point apparatus
62	filter press
63	Electronic Balance

- **CIVIL ENGINEERING**

S.No.	Particular/Name of Item
1	DUMPY LEVEL
2	AUTO LEVEL
3	ELECTRONIC DISTANCE MEASUREMENT
4	PLANIMETER
5	THEODOLITE
6	PLAIN TABLE SURVEY INSTRUMENTS
7	LEVELLING STAFF, RANGING RODS
8	CHAIN(20&30)M
9	PRISMATIC COMPASS,SURVEYOR COMPASS
10	HAND MOULDING BRICK TABLEMOULD,
11	COMPRESSION TESTING MACHINE
12	SLUMP CONE
13	VICAT APPARATUS.
14	WEIGHING MACHINE
15	C.B.R
16	LEE CHATELIER
17	SIEVE ANALYSIS
18	RAPID MOISTURE TEST APPARATUS
19	PENETROMETER
20	DUCTILITY TESTING MACHINE
21	MARSHAL STABILITY TEST
22	IMPACT VALUE TEST
23	BITUMEN EXTRACTOR

- **MINING ENGINEERING**

S.No	Particular/Name of Item
1	FLAME SAFETY LAMP

- **MECHANICAL ENGINEERING**

S.No.	Particular/Name of Item
1	Lanchashire boiler (Model)
2	Steam Engine (Model)
3	Locomotive Boiler (Model)
4	Cutting Tool Lathe
5	Lath Machine (Total Assembly)
6	Power Hacksaw
7	Shaper Machine
8	Anvil
9	Adjustable Spanner
10	Acetylene Cylinder
11	Almirah
12	Angle Iron Rocks
13	Ball Peen Hammer
14	Bench Grinder
15	Bench Drill Machine
16	Blower Electric
17	Bench Vice Fitting
18	Book Self
19	Carpentry Vice
20	Cross Peen Hammer
21	Centre Punch
22	Combination Set
23	Claw Hammer
24	Chipping Hammer
25	Cold Chisel
26	Chuck Key Lathe Machine
27	Compass Saw
28	Cutting Tool Lathe
29	Drill Adapter Set
30	Drill Bit
31	Dial Gauge

32	Divider
33	D Spanner
34	Engineering Scale
35	Electric Motor Three Phase
36	Electric Fans
37	Exhaust Fans
38	Firmer Chisel
39	File Flat 12"
40	File Triangular 6"
41	File Half Round 10"
42	File Round 8"
43	File Square 6"
44	Forging Swage
45	Fibre Chain
46	Gimlet
47	Green Board
48	Hot Set Hammer
49	Hand Grinder
50	Hack Saw Frame
51	Handle Fibre
52	Inch Tape 3 metres
53	Jack Plane Wooden 9"
54	Jack Plane Metal
55	Jack Plane Wooden 18"
56	Knurling Tool
57	Sprit Level
58	Marking Gauge
59	Mallet
60	Moulding Box
61	Mortise Chisel
62	Marking Block
63	Micrometer
64	Metal Cutting Machine
65	Outside Calliper

66	Office Table
67	Plumbing Vice
68	Puller
69	Plier
70	Pincer
71	Ratchet Brace
72	Roper Brace
73	Revolving Chair
74	Rasp File 12"
75	Swage Block
76	Ring Spiner Set
77	Rasp File 6"
78	Swab
79	Screw Driver 18"
80	Screw Driver - 931
81	Screw Driver - 829
82	Star Screw Driver - 8863
83	Sewing Machine
84	File Flat 10"
85	File Trangular 10"
86	Number Punch Set
87	Try Square
88	Tachometer
89	Tenon Saw
90	Tong Flat
91	Tong Clip
92	Tool Holder
93	Vernier Callipers
94	Vernier Height
95	Wire Brush
96	Wood Cutter Machine
97	Welding Transformer Single Phase
98	Welding Transformer Double Phase
99	Wooden Scale

100	Wheel Brush
101	Welding Holder
102	Welding Screen
103	Work Bench
104	Furnace
105	Cube
106	Tongs Round
107	Babcock and Wilcox boiler (Model)
108	Cochren Boiler (Model)
109	Four Stroke Petrol Engine (model)
110	Four Stroke Diesel Engine parts Jeep (Assembly parts)
111	Diesel Engine Test rig with rope
112	Diesel Engine Demo - Kirloskar
113	Diesel Engine Demo – Bajaj
114	Petrol Engine (Premier) 4 Stroke 4 Cylinder Jeep
115	Cam and Follower Apparatus
116	Welding Transformer Double Phase
117	Welding Machine
118	Whirling of Shaft
119	Damped and Undamped Vibration
120	Gyroscopic Apparatus
121	Static and Dynamic Balancing
122	Acetylene Cylinder
123	Voltage Stabilizer
124	Composite Wall Apparatus
125	Impact Jet apparatus
126	Orifice meter apparatus (With assembly)
127	Pipe friction apparatus
128	Reynolds apparatus
129	Refrigeration Trainer
130	Window AC
131	Air compressor test rig
132	Welding Transformer Single Phase

133	Hand Grinder
134	Milling Machine
135	Pillar Drill Machine
136	Concentric Tube Heat Exchanger
137	Drop & Film Condensation Apparatus
138	Natural Convection apparatus
139	Pin Film apparatus
140	Stephen Boltzman apparatus
141	Unsteady state heat transfer apparatus
142	Centrifugal Pump Test Rig
143	Bernoulli's Theorem apparatus
144	Orifice apparatus
145	Reciprocating Pump Test rig
146	Venturimeter apparatus
147	Cutter machine
148	Drilling machine
149	Grinding machine
150	Test arrangement Petrol Engine
151	Test arrangement Diesel Engine
152	Two stage air compressor test rig
153	Four stroke Petrol Engine Working Model
154	Two stroke Petrol Engine Working Model
155	Gas Welding Machine
156	CNC Lathe Trainer
157	CNC Milling Trainer
158	Computer Assembly

• **COMPUTER SCIENCE & ENGINEERING**

S.No.	Particular/Name of Item
1	COMPUTERS Dual Core-30Nos
2	COMPUTERS Dual Core- 54Nos
3	COMPUTERS Core to Dual- 23Nos

4	PRINTER HP-1Nos
5	PRINTER Canon-1Nos
6	SWITCH (24 PORT)-5Nos
7	SCANNER Canon-1Nos
8	WIFI ROUTER D-Link-1Nos
9	SPSS CLIENT & SERVER-1Nos
10	SWITCH (8 PORT)-3Nos
11	PROJECTOR-1
12	Epson L805 Two card Printer-1Nos

- **INFORMATION TECHNOLOGY**

S.No.	Particular/Name of Item
1	COMPUTERS Dual Core- 60Nos
2	COMPUTERS Dual core- 5Nos
3	PRINTER Canon-1Nos
4	SWITCH (24 PORT)-3Nos
5	SWITCH (8 PORT)-2Nos
6	PROJECTOR Sony-1Nos
7	COMPUTERS Dual Core-24Nos
8	SCANNER HP 200-1Nos

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- List of Experimental Setup in each Laboratory/Workshop- <https://www.sssutms.co.in/cms/Website/Download/ListExperiment/BE>

Computing Facilities

- Internet Bandwidth-**100Mbps**
- Number and configuration of System-**Dual core,i5,i7,Celeron,1,2,4,8 GB RAM, 120,240,320,500GB HDD**
- Total number of system connected by LAN-**1116**
- Total number of system connected by WAN-**1116**

9	ZEBRA ZXP-3 CARD PRINTER-1Nos
10	Epson L805 Id Jet-01Nos

- **MCA**

S.No	Particular/Name of Item
1	COMPUTER IV-27Nos
2	PRINTER Canon-2Nos
3	SCANNER Canon-1Nos
4	SWITCH (24 PORT)-4Nos
5	COMPUTER Dual Core-18Nos

- **COMMUNICATION SKILL**

S.No.	Particular/Name of Item
1	COMPUTERS PIV-36Nos
2	COMPUTER Dual Core-1Nos
3	SWITCH (24 PORT)-2Nos
4	Head Phone Intex-25Nos

- Major software packages available-**Auto desk all software, MS office 2010, MATALB, Oracle, VB**
- Special purpose facilities available (Conduct of online Meetings/Webinars/Workshops, etc.)-**Webcam(Logitech), Speakers, Projectors**
- Facilities for conduct of classes/courses in online mode (Theory & Practical)- **Webcam(Logitech), Speakers, Projectors, White Board**
- Innovation Cell-**Yes**
- Social Media Cell-**Yes**
- Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments-**NA**

- **List of facilities available**
 - Games and Sports Facilities -
 - **Basketball,**
 - **Football, Cricket,**
 - **Table Tennis,**
 - **Kho-kho,**
 - **Base Ball,**
 - **Kabadi,**
 - **Wrestling,**
 - **Taekwondo,**
 - **Boxing,**
 - **Powerlifting Outdoor**
 - **Indoor Sports**
 - Extra-Curricular Activities-
 - **Leadership activities**
 - **Internship**
 - **Games and Sports**
 - **Cultural Program**
 - Soft Skill Development Facilities
 - **Personality Development**
 - **Interview skills and techniques**
 - **Stress management**
 - **Meditation**

- **Communication skills**
- **Computer Awareness**
- **Creative Thinking**

- **Teaching Learning Process**

- Curricula and syllabus for each of the Programmes as approved by the University-
<https://www.sssutms.co.in/cms/Website/Download/Syllabus/BE>
- Academic Calendar of the University- https://www.sssutms.co.in/cms/Areas/Website/Files/Link/Academic/AC2021_Sem_I.pdf
- Academic Time Table with the name of the Faculty members handling the Course-
<https://www.sssutms.co.in/cms/Website/Download/TimeTable/UGPG>
- Teaching Load of each Faculty-<https://www.sssutms.co.in/cms/Website/Download/Teachingload/UGPG>
- **Internal Continuous Evaluation System and place-** This shall be conducted by the course teacher throughout the semester and shall include evaluation of laboratory work, assignments, problem solving, group discussion, quiz, seminar, mini-project and other academic tools of evaluation. The course teacher shall announce the detailed methodology, for conducting the various segments of ICE together with their weightages, at the beginning of the semester.
- **Student's assessment of Faculty, System in place-** For both UG and PG programs the evaluation of a candidate, for the academic performance in a course, shall be based on the performance in mid semester, Pre University Test and End Semester examinations, being subjective but this year it was conducted in online mode due to pandemic using our owned designed web portal.

- **For each Post Graduate Courses give the following:**

Title of the Course	Curricula and Syllabi
Master of Technology	https://www.sssutms.co.in/cms/Website/Download/Syllabus/MTech
Masters in Computer Applications	https://www.sssutms.co.in/cms/Website/Download/Syllabus/MCA
Master's in Business Administration	https://www.sssutms.co.in/cms/Website/Download/Syllabus/MBA

- Laboratory facilities exclusive to the Post Graduate Course

- **Special Purpose**

- Software, all design tools in case-

S.No.	Name of software
1	Adobe flash player
2	Java netbeans JDK
3	Opnet
4	Firfox
5	Chrome
7	My SQL
8	Joomla 3.3.6
9	WEKA Data mining Tool
10	Ubuntu
11	Apache Web Server
12	Open Office
13	VLC
14	Linux Apache
15	LibreOffice
16	Windows 10 pro
17	Ms Office 2016
18	Quick Heal Total Security
19	SPSS Software
20	E- language
21	C

22	C++
23	Java
24	PHP
25	SQL
26	Visual Basic
27	C#
28	JavScript
29	MATLAB
30	Visual Studio
31	CAD/CAM
32	AUTOCAD
33	Office 365 (Microsoft Office Apps)

- Academic Calendar and framework-<https://www.sssutms.co.in/cms/Website/Academic/AcademicCalendar>

16. Enrolment and placement details of students in the last 3years

Academic Year	Total Enrolment	Total Placement
2019-2020	1441	679
2020-2021	1527	775
2021-2022	1447	883

17. List of Research Projects/ Consultancy Works

- Number of Projects carried out, funding agency, Grant received- 18.59463Lacs
- Publications (if any) out of research in last three years out of masters projects-**06**
- Industry Linkage- <https://www.sssutms.co.in/cms/Website/Research/CollaborationandMou>
- MoUs with Industries (minimum3(10))- <https://www.sssutms.co.in/cms/Website/Research/CollaborationandMou>

18. LoA and subsequent EoA till the current Academic Year-

https://www.sssutms.co.in/cms/Areas/Website/Files/Link/EOA_2021_22/SOE_EOA_21_22.PDF

19. Accounted audited statement for the last three years- <https://www.sssutms.co.in/cms/Website/Download/Auditreport.PDF>

20. Best Practices adopted, if any

- ERP System
- Free Medical Camp
- Blood Donation Camp
- School Education
- Distribution for Blanket Non –Teaching Staff
- Distribution for Foods at “Sankalp Old Age Home