# 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

### 5. Governance

• Members of the Board and their brief background

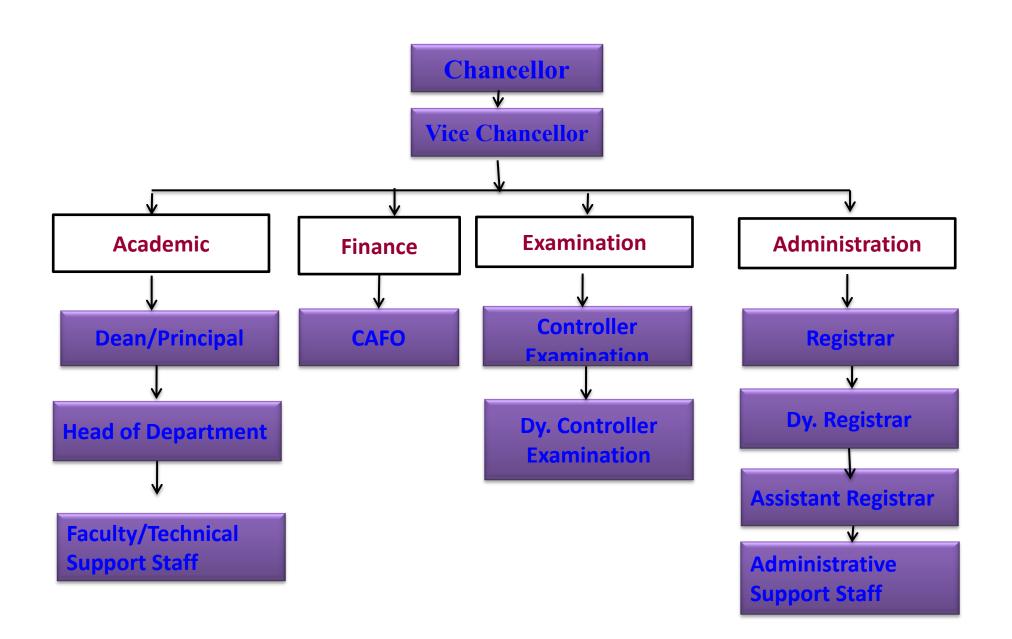
Name	Status	Position in board
Honourable Mr. Sidharth Kapoor	Chancellor Sri Satya Sai University of Technology and Medical Sciences	Chairman
Dr. Mukesh Tiwari	Vice Chancellor Sri Satya Sai University of Technology and Medical Sciences	Member
Dr. G.R. Selokar	Registrar	Member Secretary
Ms. Richa Gupta	Nominee of Ayushmati Education & Social Society	Member
Mr. N. K. Dubey	Nominee of Ayushmati Education & Social Society	Member
Mr. Vijay Sharda	Nominee of Ayushmati Education & Social Society	Member

• Members of Academic Advisory Body

ACADEMIC ADVISORY		
Dr. Mukesh Tiwari	Vice Chancellor (Chairman)	
Dr. G.R. Selokar	Registrar (Member Secretary)	
Dr. Pushpendra Sharma	Member	
Dr. Prabodh Khampriya	Member	
Dr. Minakshi Pathak	Member	
Dr. Sanjay Rathore	Member	
Dr. Nilesh Diwakar	Member	
Dr. Neelu Jain	Member	
Prof. Kamlesh Mishra	Govt. Nominated Member	
Dr. Vipin Vyas	Govt. Nominated Member	
Dr. Gopal Sharma	Govt. Nominated Member	
Dr. R.C. Dhawan	Govt. Nominated Member	

• Frequently of the Board Meeting – Every two month and Academic Advisory Body – Twice in a year

• 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 interrelationships. 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 QualityAssurance 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'.
- 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

### • Establishment of Anti Ragging Committee

S.No.	Name	Designation	Contact No.
1.	Dr. Nilesh Diwakar, (Dean)	Chairman	9893380978
2.	Mr. Manish Kauris, (Superintendent of Police Sehore)	Member	07562 227000
3.	Mr. Brajesh Saxena, (Civil Judge, Junior Division)	Member	07562-224237
4.	Mr. Pawan Vishwakarma (Local Media Person)	Member	8519089046
5.	Mr. Raj Kumar Mishra (Ek Sakha Social Welfare Society NGO Sehore)	Member	9300653279
б.	Dr. Prabodh Khampriya, Associate Professor	Member	9893684441
7.	Mr. Rupesh Kumar Sharma, 2nd Year Parents of Student	Member	9829147339
8.	Mr. Rakesh Singh, 4 <sup>th</sup> Year Parents of Student	Member	9918677680
9.	Ms. Harshita Patel B.E I Year Student	Member	6262592606
10.	Mr. Manish Singh, B.E IV Year Student	Member	7800774370
11.	Mr. Ravi Shankar Patle Administration Officers	Member	7000389916

# • Establishment of Online Grievance Redressal Mechanism -<u>URL: https://www.sssutms.co.in/Grievance</u>

S.No.	Name of the Member	Designation
1	Dr. Nilesh Diwakar	Dean (Chairman)
2	Dr. Sanjay Rathore	Professor and Members, (University Nominee)
4	Dr. Neelu Jain	Professor and Members, (Nominated by VC)
5	Dr. Anuradha Devi	Associate Professor and Members
3	Dr. Dhananjay Yadav	Assistant Professor and Members,
6	Mr. Manoj Gandwane	Assistant Professor and Members

• Establishment of Internal Complaint Committee (ICC)

S.NO.	NAME	DESIGNATION
1	DR. NEELU JAIN (DEAN' S REPRESNTATIVE)	CHAIRMAN
2	DR. GEETA KHOOBCHANDANI	MEMBER
3	DR. SANTOSH JAGWANI	MEMBER
4	MS. ALKA THAKUR	MEMBER
5	MS. POOJA SINGH	MEMBER
6	MR. SHEETAL VERMA	MEMBER
7	MR. RAJESH WAGH	MEMBER
8	MR. AMARJEET SINGH	MEMBER
9	MS. SHREYA ANURAG	STUDENT
10	MS. SAKSHI RAGHUVANSHI	STUDENT
11	MR. MANISH KUMAR VERMA	STUDENT

• Establishment of Committee for SC/ST –

S.NO.	NAME	DESIGNATION
1	DR. NILESH DIWAKAR, (DEAN)	CHAIRMAN
2	DR. G.R. SELOKAR, PROFESSOR	MEMBER
3	DR. ANURADHA DEVI, ASSOCIATE PROFESSOR	MEMBER
4	MR. ANAND MALVIYA, ASSISTANT PROFESSOR	MEMBER
5	MR. MANOJ GANDWANE , ASSISTANT PROFESSOR	MEMBER
6	MRS. KAMINI LAHERIYA, ASSISTANT PROFESSOR	MEMBER
7	MS. ANAJALI VISHWAKARMA , STUDENT	MEMBER

# • Internal Quality Assurance Cell

S. No.	Name	Designation	Post
1	Dr. Mukesh Tiwari	Vice-Chancellor	Chairperson
2	Dr. G.R. Selokar	Professor	Member
3	Dr. Sanjay Rathor	Professor	Member
4	Dr. Neelesh Chaubey	Professor	Member
5	Dr. Rajesh Sharma	Professor	Member
6	Dr. C.K. Tyagi	Professor	Member
7	Dr. Minakshi Pathak	Professor	Member
8	Dr. Jitendra Sheetlani	Professor	Member
9	Dr. Hemant Sharma	Professor	Member
10.	Dr. Kanchan Shrivastav	Professor	Member
11.	Dr. A.K. Dubey	Professor	Member
12.	Dr. Sunil Kumar Shah	Professor	Member
13.	Dr. Vijay Prakash Singh	Associate Professor	Member
14.	Dr. Harsh Lohiya	Associate Professor	Member
15.	Dr. Dhiraj Shinde	Associate Professor	Member
16.	Dr. Prashant Singh	Assistant Professor	Member
17.	Dr. Harsh Pratap Singh	Assistant Professor	Member
18.	Dr. Dhananjay Yadav	Assistant Professor	Member
19.	Dr. Kailash Patidar	Assistant Professor	Member
20.	Mr. Ravi Kant Patle	Senior Admin Officer	Member
21.	Mr. Rajeev Gujrati		Member
22.	Mr. Aashish Bhargava	Expert on Quality Management/	Member
23.	Mr. Dig Vijay Shrivastava	Industry/ Local Community	Member
24.	Dr. Pushpendra Sharma	Professor & Director IQAC	Member Secretary

#### 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	Numbe	Duration	Cut off marks/ rank	Fee (as approved	Placement	Campus placement in last three years
	r of		of admission during	by the state	Facilities	with minimum salary, maximum salary
	Seats		the last three years	government)		and average salary
Bachelor of						Minimum Salary-300000
Engineering	1260	4Year	45%	53000	Yes	Maximum Salary-700000
						Average Salary-500000
Master of						Minimum Salary-320000
Technology	234	2Year	55%	63000	Yes	Maximum Salary-800000
						Average Salary-500000
Masters in						Minimum Salary-300000
Computer	60	2Year	50%	40000	Yes	Maximum Salary-600000
Applications						Average Salary-450000
Master's in						Minimum Salary-280000
Business	120	2Year	50%	50000	Yes	Maximum Salary-700000
Administration	120	2 I eai	30%	30000	168	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
- o 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
- o 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
  - o 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:
  - o Permanent Faculty-<u>https://www.sssutms.co.in/cms/Website/Faculty/Engineering.pdf</u>
  - 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- <u>https://www.sssutms.co.in/cms/Website/About/Facultyprofile</u>
  - 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-1Year
- others
- o Area of Specialization-Solar and Wind Energy
- Courses taught at Under Graduate/ Post Graduate

#### • Research guidance(Number of Students)

- o 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
- o Research Publications (No.of papers published in National/International Journals/Conferences)-52
- o No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)-NA

o 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
- o 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.

#### 9. Fee

#### 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 admittedhttps://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-<u>https://www.sssutms.co.in/epravesh/</u>
- 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 Room	s Size of each
22	34Sqm

• Number of Laboratories and size of each

Γ	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	f Nodes	1116
Internet ba	ndwidth	100Mbps

- Barrier Free Built Environment for disabled and elderly persons
  - > Ramp/Rails
  - > Lift
  - Rest Rooms
  - > Free Medical Facility
  - > Subsided 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

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	Email		
	kailashpatidar123@gmail.com		
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🛱 Sign out	Club Patron Phone Number 07562292740 ClubName	/ERSITY OF TECHNOLOGY AND MEDICAL SCIENCES	

### 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	
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	
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
	Regulated power supply using Zener
75	Diode
76	Single Stage Transistor amplifier
77	Study of H parameter of a Transistor
78	Study of Schimitt Trigger ckt.
79	Timmer(IC555) app. and trainer
80	Transistor Characteristics
81	Transistor emmiter follower amplifier
82	Transistorized phase shift oscillator
	UJT Characteristic and relaxtion
83	oscillator

84	ALMIRAH
85	CELLING FANS
86	TUBLIGHT
87	TABLE
88	STUAL
89	CHAIR
90	BOOK RACK
90	GREEN BOARD
91	
	Anolog to Digital Converter Trainer
93	Balance Modulator/Demodulator
0.4	Delta Adaptive Delta Sigma Modulation /Demodulation Trainer
94	
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
	Study of Amplitude Modulation /
108	Demodulation
	TDM Pulse Amplitude Modulation
109	Demodulation Trainer
	TDM Pulse Code Modulation Receiver
110	Trainer
	TDM Pulse Code Modulation Transmitter
111	Trainer
112	VLSI Traner

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123Binary counter124Bread board Trainer & Design125Digital kit126Encoder&decoder127Half adder&full adder128IC/RPS129Keyboard130Microprocessor(8086) Kit131Microprocessor Kit Supply132Microprocessor XPO133Multimeter134Multiplexer & DemultiplexerMultiplexer/Demultiplexer Coder/Decoder135Trainer136Oscilloscope137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	121	Adder&substractor
124Bread board Trainer & Design125Digital kit126Encoder&decoder127Half adder&full adder128IC/RPS129Keyboard130Microprocessor(8086) Kit131Microprocessor Kit Supply132Microprocessor Kit Supply133Multimeter134Multiplexer & DemultiplexerMultiplexer/Demultiplexer Coder/Decoder135Trainer136Oscilloscope137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	122	Analog&digital convertor
125Digital kit126Encoder&decoder127Half adder&full adder128IC/RPS129Keyboard130Microprocessor(8086) Kit131Microprocessor Kit Supply132Microprocessor XPO133Multimeter134Multiplexer & DemultiplexerMultiplexer/Demultiplexer Coder/Decoder135Trainer136Oscilloscope137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	123	Binary counter
126Encoder&decoder127Half adder&full adder128IC/RPS129Keyboard130Microprocessor(8086) Kit131Microprocessor Kit Supply132Microprocessor XPO133Multimeter134Multiplexer & DemultiplexerMultiplexer/Demultiplexer Coder/Decoder135Trainer136Oscilloscope137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	124	Bread board Trainer & Design
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128IC/RPS129Keyboard130Microprocessor(8086) Kit131Microprocessor Kit Supply132Microprocessor XPO133Multimeter134Multiplexer & Demultiplexer134Multiplexer & Demultiplexer Coder/Decoder135Trainer136Oscilloscope137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	126	Encoder&decoder
129Keyboard130Microprocessor(8086) Kit131Microprocessor Kit Supply132Microprocessor XPO133Multimeter134Multiplexer & Demultiplexer134Multiplexer & Demultiplexer Coder/Decoder135Trainer136Oscilloscope137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	127	Half adder&full adder
130Microprocessor(8086) Kit131Microprocessor Kit Supply132Microprocessor XPO133Multimeter134Multiplexer & Demultiplexer134Multiplexer & DemultiplexerMultiplexer/Demultiplexer Coder/Decoder135Trainer136Oscilloscope137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	128	IC/RPS
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132Microprocessor XPO133Multimeter134Multiplexer & Demultiplexer134Multiplexer & Demultiplexer135Trainer136Oscilloscope137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	130	Microprocessor(8086) Kit
133Multimeter134Multiplexer & DemultiplexerMultiplexer/Demultiplexer Coder/Decoder135Trainer136Oscilloscope137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	131	Microprocessor Kit Supply
134Multiplexer & DemultiplexerMultiplexer/Demultiplexer Coder/Decoder135Trainer1360scilloscope137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	132	Microprocessor XPO
Multiplexer/Demultiplexer Coder/Decoder135Trainer136Oscilloscope137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	133	Multimeter
<ul> <li>135 Trainer</li> <li>136 Oscilloscope</li> <li>137 Regulated Power Supply (RPS)</li> <li>138 R-S,D,T,J-K Master Slave Flip-Flop</li> <li>139 SMPS</li> <li>140 Study of R-S &amp; J-K flip flop</li> <li>141 ALMIRAH</li> <li>142 CELLING FANS</li> <li>143 TUBLIGHT</li> <li>144 TABLE</li> </ul>	134	Multiplexer & Demultiplexer
<ul> <li>136 Oscilloscope</li> <li>137 Regulated Power Supply (RPS)</li> <li>138 R-S,D,T,J-K Master Slave Flip-Flop</li> <li>139 SMPS</li> <li>140 Study of R-S &amp; J-K flip flop</li> <li>141 ALMIRAH</li> <li>142 CELLING FANS</li> <li>143 TUBLIGHT</li> <li>144 TABLE</li> </ul>		Multiplexer/Demultiplexer Coder/Decoder
137Regulated Power Supply (RPS)138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	135	Trainer
138R-S,D,T,J-K Master Slave Flip-Flop139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	136	Oscilloscope
139SMPS140Study of R-S & J-K flip flop141ALMIRAH142CELLING FANS143TUBLIGHT144TABLE	137	Regulated Power Supply (RPS)
<ul> <li>140 Study of R-S &amp; J-K flip flop</li> <li>141 ALMIRAH</li> <li>142 CELLING FANS</li> <li>143 TUBLIGHT</li> <li>144 TABLE</li> </ul>		R-S,D,T,J-K Master Slave Flip-Flop
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142CELLING FANS143TUBLIGHT144TABLE	140	Study of R-S & J-K flip flop
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144 TABLE		CELLING FANS
	143	TUBLIGHT
145 STUAL	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" 11b
18	Solder sucker / Desolder pump
19	Desoldering Braid, thick/ thin
20	Tip tinner
21	Heat Shrink Gun + attachment
22	Test clips
22	Hat Ain nervouls Station

- 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	6
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	
26	
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	0
43	Solar Panel Set
44	Connecting Wires
45	Switch Fuse Unit
46	0
47	
	Inductive Load
49	Load Tester
50	Multitester
51	Panel For Moter Generater Set
52	Resistance Box
54	0
55	Lvdt Trainer Kit
56	Digital temperature indicator
57	Angular Displacement Trainer Kit

Study Trainer Kit ement Trainer Kit aracteristics
nperature Device Characteristics
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System Kit
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eorem Kit
3 phase 1 hp
3 phase 5 hp
3 phase 3 hp
)
30 /440 v AC/DC 4.1 A 1 HP
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
	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

29Cold Air Unit and Heat ExchangerAir Conditioning Markup(Airbus 300 &30other Aircraft Component fitted on a Bench)31E& P (piston type)32Pressure Reducing Valve (Pneumatic)33Pulley34Accumulator35Cabin Anti-Ice Valve -236Drive Shaft37Booster Pump -238Gear Box -239Steady Bearing-240Skid Detector41Actuator42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	28	Crankshaft
Air Conditioning Markup(Airbus 300 & other Aircraft Component fitted on a Bench)31E& P (piston type)32Pressure Reducing Valve (Pneumatic)33Pulley34Accumulator35Cabin Anti-Ice Valve -236Drive Shaft37Booster Pump -238Gear Box -239Steady Bearing-240Skid Detector41Actuator42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	29	Cold Air Unit and Heat Exchanger
30other Aircraft Component fitted on a Bench)31E& P (piston type)32Pressure Reducing Valve (Pneumatic)33Pulley34Accumulator35Cabin Anti-Ice Valve -236Drive Shaft37Booster Pump -238Gear Box -239Steady Bearing-240Skid Detector41Actuator42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)		Ŭ
31E& P (piston type)32Pressure Reducing Valve (Pneumatic)33Pulley34Accumulator35Cabin Anti-Ice Valve -236Drive Shaft37Booster Pump -238Gear Box -239Steady Bearing-240Skid Detector41Actuator42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	30	E I
32Pressure Reducing Valve (Pneumatic)33Pulley34Accumulator35Cabin Anti-Ice Valve -236Drive Shaft37Booster Pump -238Gear Box -239Steady Bearing-240Skid Detector41Actuator42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)		1 / /
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34Accumulator35Cabin Anti-Ice Valve -236Drive Shaft37Booster Pump -238Gear Box -239Steady Bearing-240Skid Detector41Actuator42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)		
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36Drive Shaft37Booster Pump -238Gear Box -239Steady Bearing-240Skid Detector41Actuator42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)		
38Gear Box -239Steady Bearing-240Skid Detector41Actuator42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)		
39Steady Bearing-240Skid Detector41Actuator42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	37	Booster Pump -2
40Skid Detector41Actuator42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	38	Gear Box -2
41Actuator42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	39	Steady Bearing-2
42Electro hydraulic selector valve43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	40	Skid Detector
43Air Bottles44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	41	Actuator
44Pneumatics Expansion Joint45Flow Control Valve46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	42	Electro hydraulic selector valve
<ul> <li>45 Flow Control Valve</li> <li>46 Servo control</li> <li>47 Control Surface Mass Balancing Markup</li> <li>48 Wing Section-2</li> <li>49 Aileron -1</li> <li>50 Flap-2</li> <li>51 Accessories for composite materials</li> <li>52 Truss types structure of aircraft</li> <li>53 Tyre -2</li> <li>54 Pressure Transmitter</li> <li>55 Vapor Cycle System</li> <li>Pneumatic System Markup (Door</li> <li>56 Operation)</li> </ul>	43	Air Bottles
46Servo control47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	44	Pneumatics Expansion Joint
47Control Surface Mass Balancing Markup48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	45	Flow Control Valve
48Wing Section-249Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	46	Servo control
49Aileron -150Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	47	Control Surface Mass Balancing Markup
50Flap-251Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	48	Wing Section-2
51Accessories for composite materials52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	49	Aileron -1
52Truss types structure of aircraft53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	50	Flap-2
53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	51	Accessories for composite materials
53Tyre -254Pressure Transmitter55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	52	Truss types structure of aircraft
55Vapor Cycle SystemPneumatic System Markup (Door56Operation)	53	
Pneumatic System Markup (Door 56 Operation)	54	Pressure Transmitter
Pneumatic System Markup (Door56Operation)	55	Vapor Cycle System
56 Operation)		
1 /	56	
	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
	Burettes
34	
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	
24	
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	
33       Microprocessor Based PID Controller System.         34       Pneumatic Control Valve         35       SCADASYSTEM	
34Pneumatic Control Valve35SCADASYSTEM	
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 DISTANE MEASURMENT
4	PLANNIMETER
5	THEODOLITE
6	PLAIN TABLE SURVEY INSTRUMENTS
7	LEVELLING STAFF, RANGING RODS
8	CHAIN(20&30)M
	PRISMATIC COMPASS, SURVEYOR
9	COMPASS
10	HAND MOULDING BRICK TABLEMOULD,
11	COMPRESSION TESTING MACHINE
12	SLUMP CONE
13	VICAT APPARUTUS.
14	WEGHING MACHINE
15	C.B.R
16	LEE CHATELIER
17	SIEVE ANALYSIS
18	RAPID MOISTURE TEST APPARTUS
19	PENETROMETER
20	DUCTILITY TESTING MACHINE
21	MARSHAL STABILITY TEST
22	IMPACT VALUE TEST
23	BITUMIN EXTRATOR

## • 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
<u> </u>	Plier
70	Piner
70	Ratchet Brace
72 73	Roper Brace
73	Revolving Chair
	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

101Welding Holder102Welding Screen103Work Bench104Furnace105Cube106Tongs Round107Babcock and Wilcox boiler (Model)108Cochren Boiler (Model)109Four Stroke Petrol Engine (model)109Four Stroke Diesel Engine parts Jeep (Assembly parts)111Diesel Engine Test rig with rope112Diesel Engine Demo - Kirloskar113Diesel Engine (Premier) 4 Stroke 4 Cylinder Jeep115Cam and Follower Apparatus116Welding Transformer Double Phase117Welding Machine118Whirling of Shaft119Damped and Undamped Vibration120Gyroscopic Apparatus121Static and Dynamic Balancing122Acetylene Cylinder123Voltage Stabilizer124Composite Wall Apparatus	100	Wheel Brush
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122Acetylene Cylinder123Voltage Stabilizer124Composite Wall Apparatus		
123Voltage Stabilizer124Composite Wall Apparatus		
124 Composite Wall Apparatus	122	Acetylene Cylinder
		<u> </u>
		Composite Wall Apparatus
	125	Impact Jet apparatus
126 Orifice meter apparatus (With assembly)		
127 Pipe friction apparatus		A AA
128 Reynolds apparatus		
129 Refrigeration Trainer		
130 Window AC		
131 Air compressor test rig		· · · · · · · · · · · · · · · · · · ·
132Welding Transformer Single Phase	132	Welding Transformer Single Phase

133	Hand Grinder	
134	Milling Machine	
135	Piller Drill Machine	
136	Concentric Tube Heat Exchanger	
137	Drop & Film Condensation Apparatus	
138	Natural Convection apparatus	
139	Pin Film apparatus	
140	Stephen Boltzmen apparatus	
141	Unsteady state heat transfer apparatus	
142	Centrifugal Pump Test Rig	
143	Bernoulis 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 Perol 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	

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	

•

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

#### **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

- 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
  - o Games and Sports Facilities -
    - ➢ Basketball,
    - ➢ Football, Cricket,
    - ➤ Table Tennis,
    - > Kho-kho,
    - ➢ Base Ball,
    - Kabadi,
    - ➢ Wrestling,
    - > Taekwondo,
    - ➢ Boxing,
    - > Powerlifting Outdoor
    - > Indoor Sports
  - o 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 Universityhttps://www.sssutms.co.in/cms/Website/Download/Syllabus/BE
- Academic Calendar of the University- <u>https://www.sssutms.co.in/cms/Areas/Website/Files/Link/Academic/AC2021\_Sem\_I.pdf</u>
- Academic Time Table with the name of the Faculty members handling the Coursehttps://www.sssutms.co.in/cms/Website/Download/TimeTable/UGPG
- Teaching Load of each Faculty-<u>https://www.sssutms.co.in/cms/Website/Download/Teachinngload/UGPG</u>
- 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	С	

22	C++
23	Java
24	РНР
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-<u>https://www.sssutms.co.in/cms/Website/Academic/AcademicCalendar</u>

# 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-<u>https://www.sssutms.co.in/cms/Website/Research/CollaborationandMou</u>
- MoUs with Industries (minimum3(10))- <u>https://www.sssutms.co.in/cms/Website/Research/CollaborationandMou</u>
- 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